

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
 Data File : VL041771.D
 Acq On : 17 Dec 2024 09:49
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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

Quant Time: Dec 21 01:02:10 2024

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

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

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	63883	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	170187	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	148019	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 126112 10.224 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	114858	10.104	ppbv	98
3) Chlorodifluoromethane	1.476	51	106911	10.262	ppbv	98
4) Chloromethane	1.534	50	46946	10.555	ppbv	99
5) Vinyl Chloride	1.583	62	44602	9.954	ppbv	98
6) Bromomethane	1.670	94	20846	9.858	ppbv	95
7) Chloroethane	1.706	64	18045	10.367	ppbv	93
8) Dichlorotetrafluoroethane	1.557	85	106150	10.433	ppbv	97
9) Propene	1.486	41	38601	8.548	ppbv	94
10) Heptane	4.991	43	112356	9.687	ppbv	99
11) Trichlorofluoromethane	1.881	101	124685	10.327	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.143	101	94656	10.308	ppbv	99
13) Ethanol	1.722	45	2836m	7.585	ppbv	
14) Bromoethene	1.784	108	32828	10.588	ppbv	97
15) Acetone	1.839	43	102064	8.211	ppbv	98
16) 1,3-Butadiene	1.612	39	48987	10.009	ppbv	98
17) tert-Butyl alcohol	2.043	59	124445	10.092	ppbv	99
18) 1,1-Dichloroethene	2.036	96	40376	10.487	ppbv	95
19) Isopropyl Alcohol	1.887	45	58910	7.899	ppbv	96
20) Methylene Chloride	2.065	84	34491	9.731	ppbv	97
21) Allyl Chloride	2.098	41	68576	10.173	ppbv	97
22) trans-1,2-Dichloroethene	2.344	96	44672	10.136	ppbv	99
23) Vinyl Acetate	2.467	43	50341	8.723	ppbv	98
24) 1,1-Dichloroethane	2.412	63	93890	10.525	ppbv	98
25) Ethyl Acetate	2.842	43	235645	10.191	ppbv	100
26) Hexane	2.829	57	87940	10.022	ppbv	97
27) Carbon Disulfide	2.153	76	81899	10.357	ppbv	97
28) Methyl tert-Butyl Ether	2.444	73	68145	9.573	ppbv	96
29) Chloroform	2.855	83	140153	10.481	ppbv	98
30) Cyclohexane	3.865	84	73570	9.854	ppbv	99
31) cis-1,2-Dichloroethene	2.726	61	91424	10.083	ppbv	97
32) 1,1,1-Trichloroethane	3.373	97	144527	10.632	ppbv	98
34) 2-Butanone	2.560	43	134057	9.791	ppbv	99
35) Carbon Tetrachloride	3.771	117	144928	11.996	ppbv	96
36) Benzene	3.664	78	176315	10.016	ppbv	99
37) 1,2-Dichloroethane	3.224	62	117688	10.744	ppbv	100
38) Trichloroethene	4.557	130	71903	9.622	ppbv	98
39) 1,2-Dichloropropane	4.324	63	63050	9.903	ppbv	99
40) 1,4-Dioxane	4.593	88	30339	9.754	ppbv #	95
41) Tetrahydrofuran	3.059	42	72983	9.515	ppbv	97
42) Bromodichloromethane	4.499	83	141557	11.233	ppbv	96
43) Methyl Methacrylate	4.891	69	70021	10.439	ppbv	97
44) 2,2,4-Trimethylpentane	4.651	57	299816	9.972	ppbv	98
45) t-1,3-Dichloropropene	6.425	75	72674	10.475	ppbv	100

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

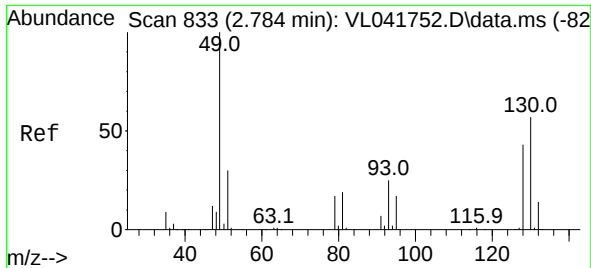
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

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

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.613	75	89477	10.159	ppbv	98
47) 1,1,2-Trichloroethane	6.593	97	67399	10.135	ppbv	96
48) Dibromochloromethane	7.399	129	105580	11.627	ppbv	99
49) Bromoform	9.493	173	84969	11.431	ppbv	99
50) 4-Methyl-2-Pentanone	5.768	43	187697	10.068	ppbv	99
51) 2-Hexanone	7.448	43	149660	9.904	ppbv #	100
52) Tetrachloroethene	8.234	164	62093	9.476	ppbv	95
53) Toluene	6.946	91	198382	9.940	ppbv	100
54) 1,2-Dibromoethane	7.665	107	96206	10.499	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.933	131	89730	11.435	ppbv	98
57) Chlorobenzene	8.930	112	156382	10.324	ppbv	100
58) Ethyl Benzene	9.364	91	284336	10.670	ppbv	96
59) m/p-Xylene	9.561	91	467116m	21.800	ppbv	
60) o-Xylene	9.972	91	232011	10.798	ppbv	100
61) Styrene	9.879	104	106367	11.448	ppbv	99
62) Isopropylbenzene	10.549	105	351803	10.897	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.972	83	141837	10.546	ppbv	99
64) n-propylbenzene	10.998	120	90334	11.067	ppbv	98
65) tert-Butylbenzene	11.539	119	313159	10.752	ppbv	97
66) Benzyl Chloride	11.623	91	24817	9.673	ppbv	99
67) sec-Butylbenzene	11.775	105	444694	11.033	ppbv	100
69) p-Isopropyltoluene	11.934	119	369199	11.115	ppbv	100
70) n-Butylbenzene	12.290	91	367292	11.444	ppbv	99
71) 2-Chlorotoluene	10.908	91	267997	10.876	ppbv	100
72) 4-Ethyltoluene	11.134	105	285054	11.239	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	243649	11.579	ppbv	98
74) 1,2,4-Trimethylbenzene	11.545	105	260072	11.493	ppbv	98
75) 1,3-Dichlorobenzene	11.617	146	152917	10.599	ppbv	98
76) 1,4-Dichlorobenzene	11.678	146	155829	10.934	ppbv	99
77) 1,2-Dichlorobenzene	11.953	146	144600	10.417	ppbv	99
78) Hexachloro-1,3-Butadiene	13.889	225	94068	9.139	ppbv	99
79) Naphthalene	13.520	128	203690	12.919	ppbv	98
80) Naphthalene,2-methyl-	14.465	142	99597	20.423	ppbv	99
81) 1,2,4-Trichlorobenzene	13.449	180	97162	11.277	ppbv	98

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



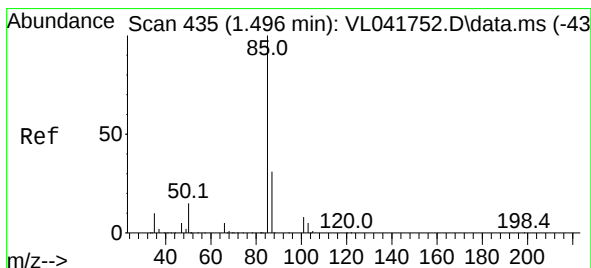
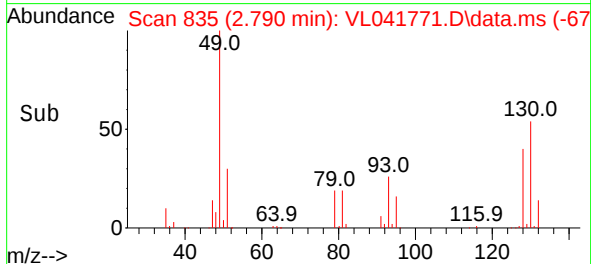
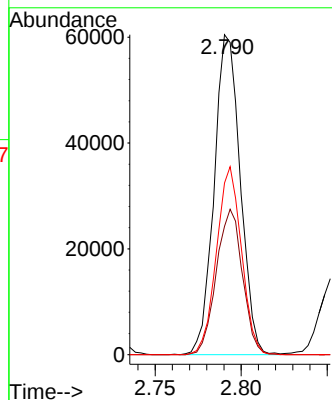
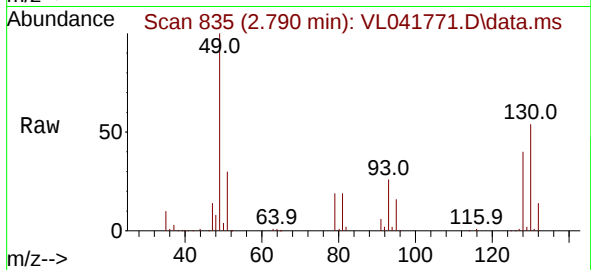
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 833
Delta R.T. 0.006 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 63883
Ion Ratio Lower Upper
49 100
128 45.5 21.6 64.6
130 56.1 28.3 85.0

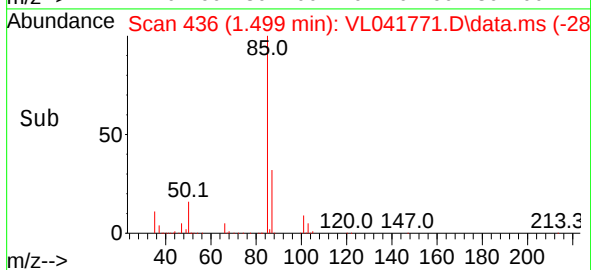
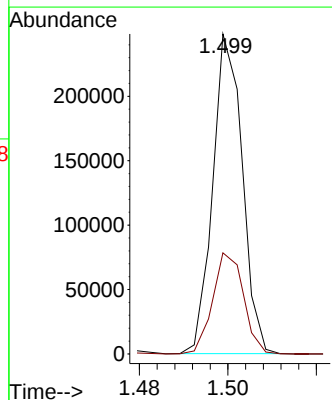
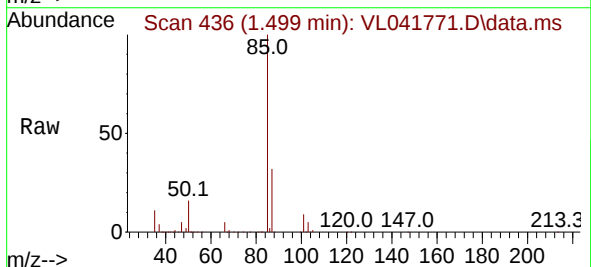
Manual Integrations
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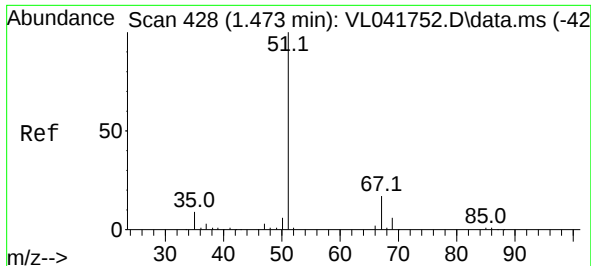
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#2
Dichlorodifluoromethane
Concen: 10.104 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

Tgt Ion: 85 Resp: 114858
Ion Ratio Lower Upper
85 100
87 31.6 24.5 36.7





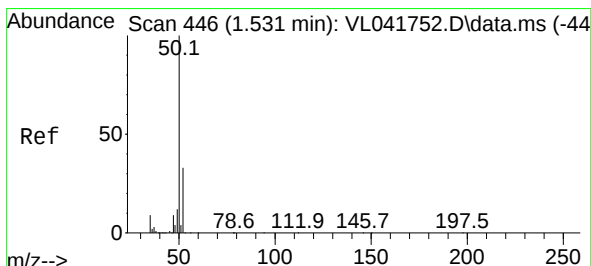
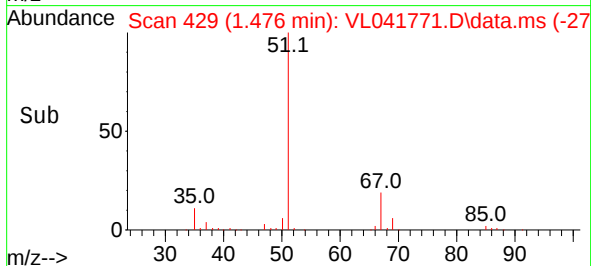
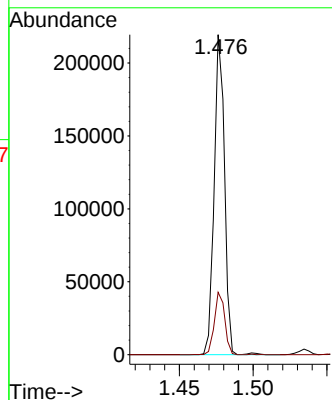
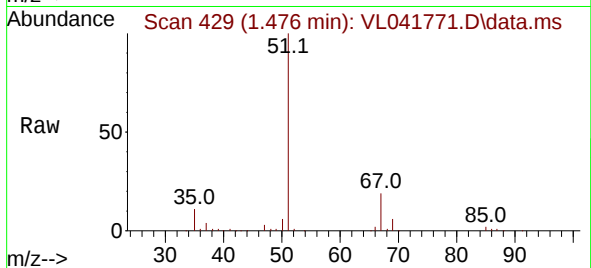
#3
Chlorodifluoromethane
Concen: 10.262 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 10691
Ion Ratio Lower Upper
51 100
67 19.6 15.0 22.4

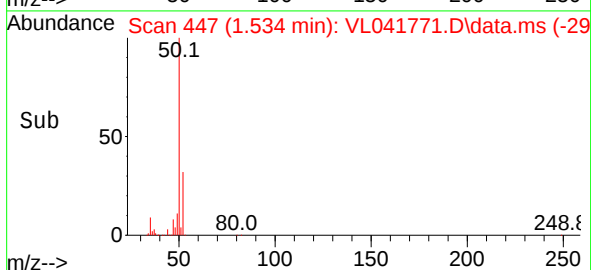
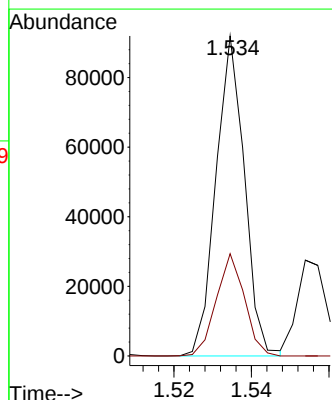
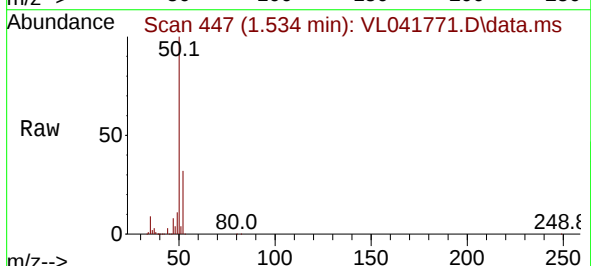
Manual Integrations
APPROVED

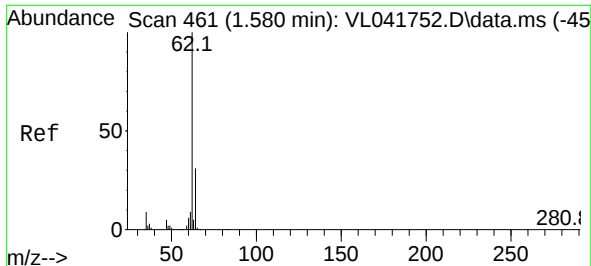
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#4
Chloromethane
Concen: 10.555 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

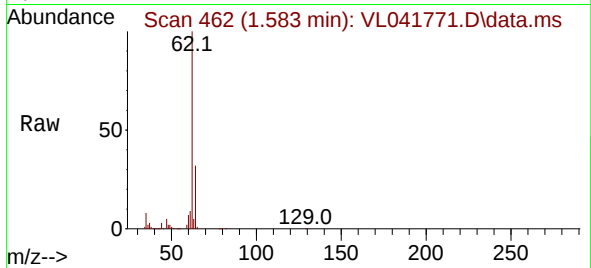
Tgt Ion: 50 Resp: 46946
Ion Ratio Lower Upper
50 100
52 32.0 26.2 39.2





#5
 Vinyl Chloride
 Concen: 9.954 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.003 min
 Lab File: VL041771.D
 Acq: 17 Dec 2024 09:49

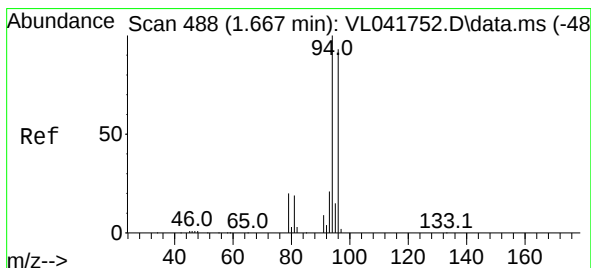
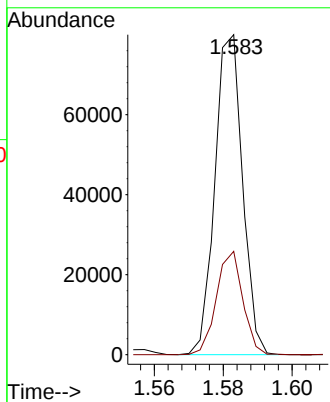
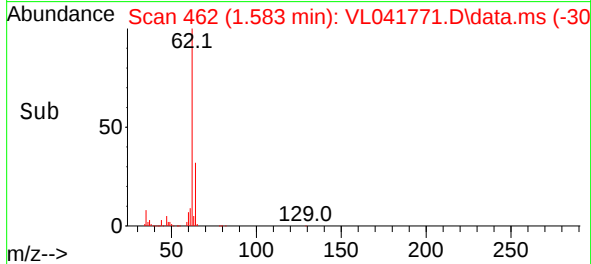
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



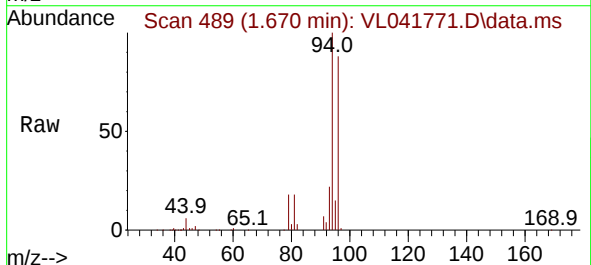
Tgt Ion: 62 Resp: 44602
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.1 37.7

Manual Integrations
 APPROVED

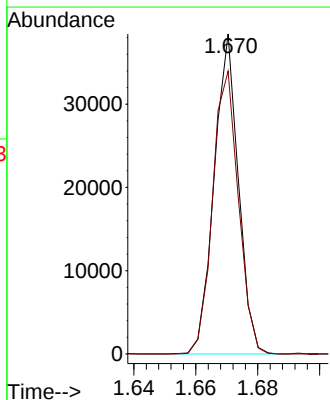
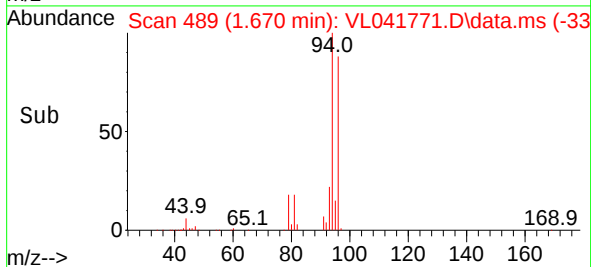
Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

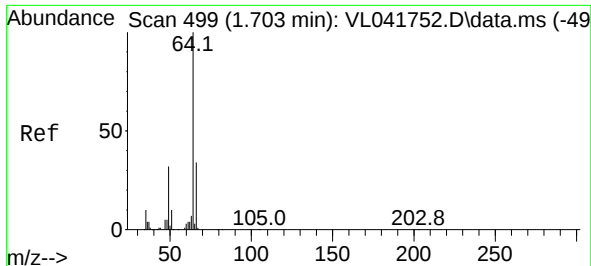


#6
 Bromomethane
 Concen: 9.858 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL041771.D
 Acq: 17 Dec 2024 09:49



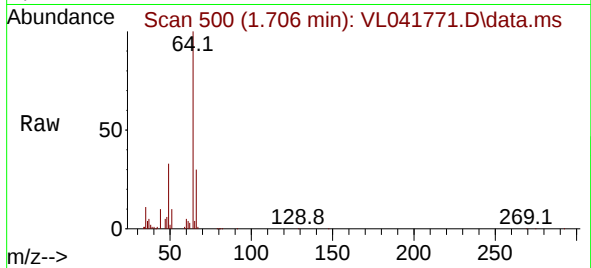
Tgt Ion: 94 Resp: 20846
 Ion Ratio Lower Upper
 94 100
 96 88.4 74.7 112.1





#7
Chloroethane
Concen: 10.367 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

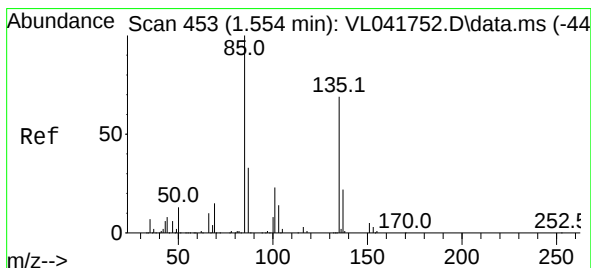
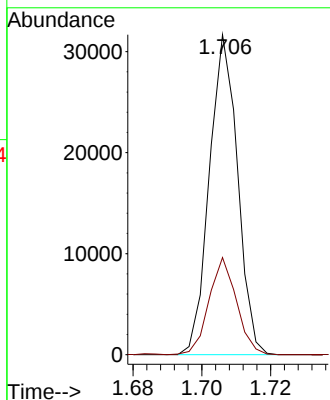
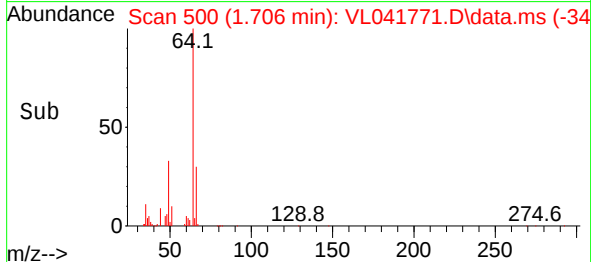
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 18049
Ion Ratio Lower Upper
64 100
66 30.4 27.5 41.3

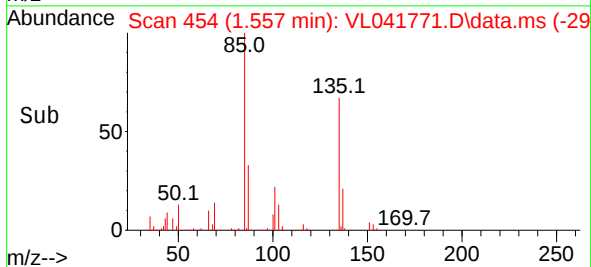
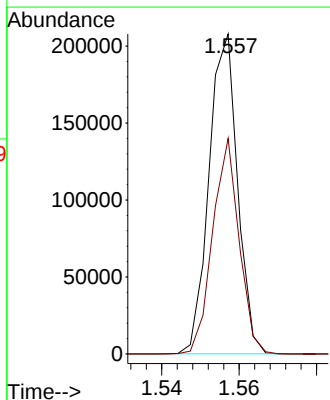
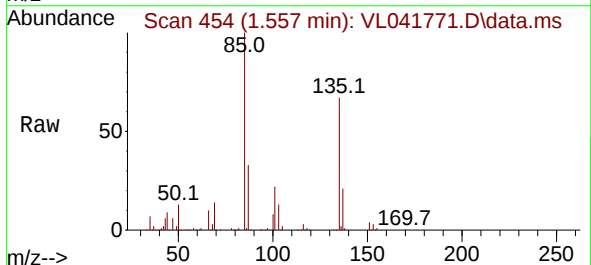
Manual Integrations
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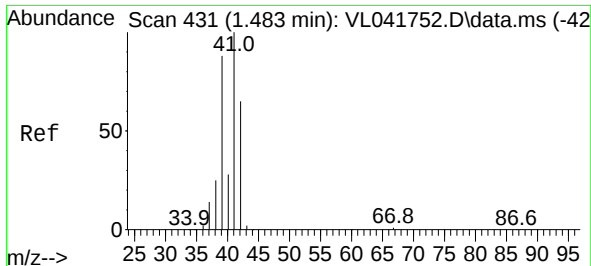
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#8
Dichlorotetrafluoroethane
Concen: 10.433 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

Tgt Ion: 85 Resp: 106150
Ion Ratio Lower Upper
85 100
135 62.5 51.9 77.9





#9

Propene

Concen: 8.548 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 3860

Ion Ratio Lower Upper

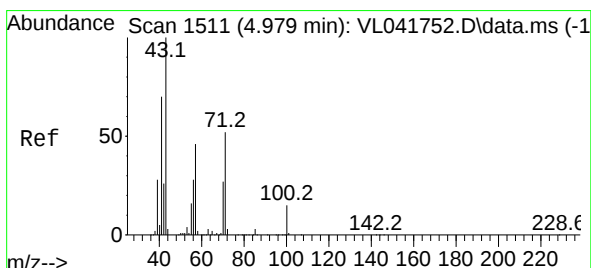
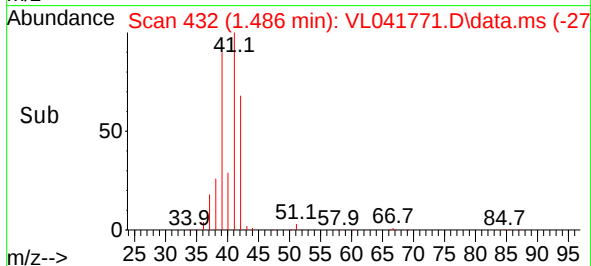
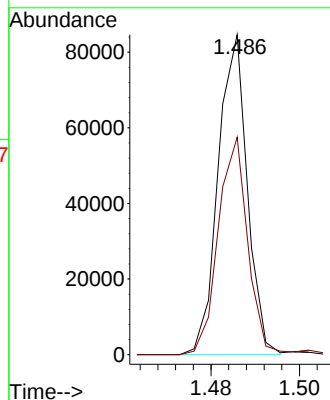
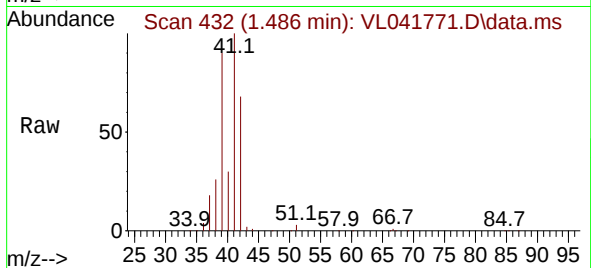
41 100

42 70.2 52.4 78.6

Manual Integrations

APPROVED

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



#10

Heptane

Concen: 9.687 ppbv

RT: 4.991 min Scan# 1515

Delta R.T. 0.013 min

Lab File: VL041771.D

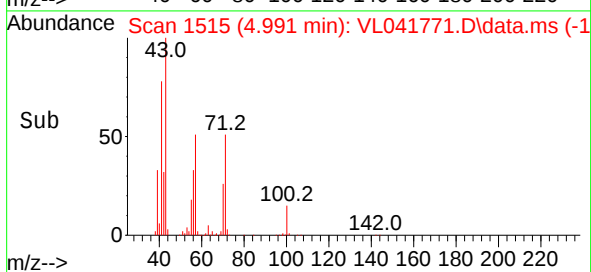
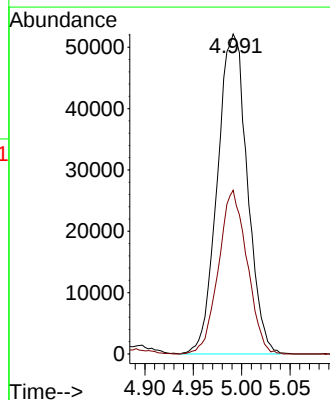
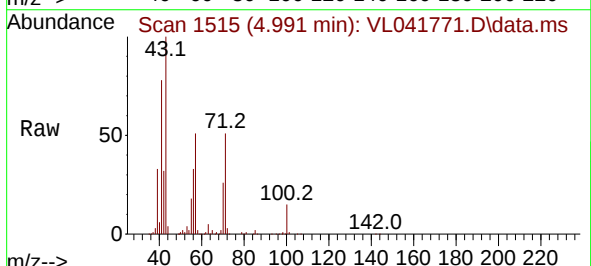
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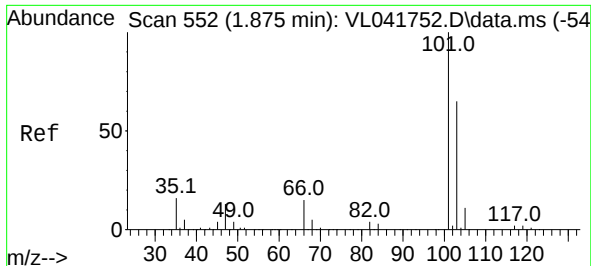
Tgt Ion: 43 Resp: 112356

Ion Ratio Lower Upper

43 100

57 48.9 38.5 57.7





#11

Trichlorofluoromethane

Concen: 10.327 ppbv

RT: 1.881 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:101 Resp: 12468

Ion Ratio Lower Upper

101 100

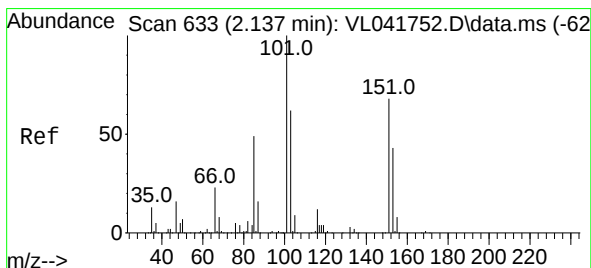
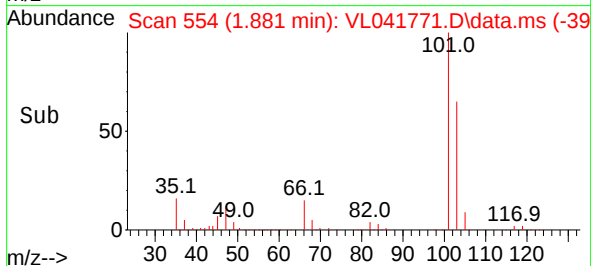
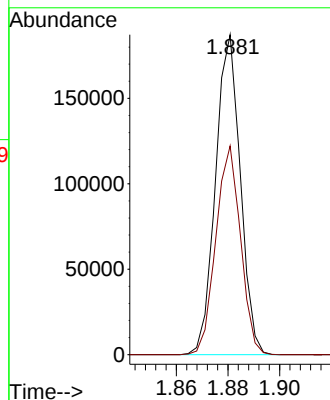
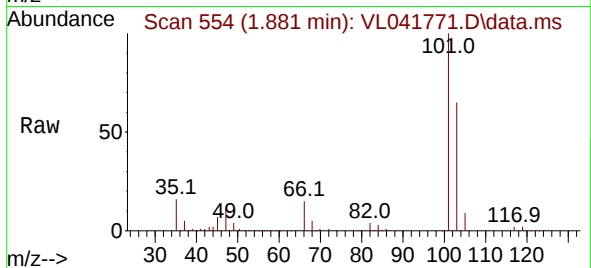
103 65.3 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.308 ppbv

RT: 2.143 min Scan# 635

Delta R.T. 0.006 min

Lab File: VL041771.D

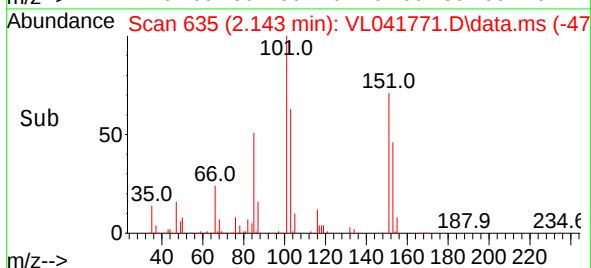
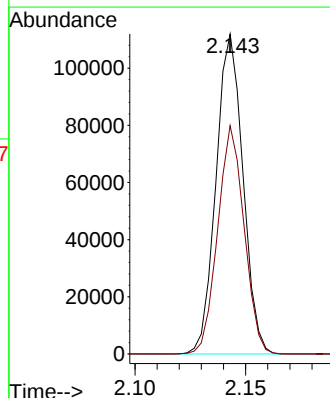
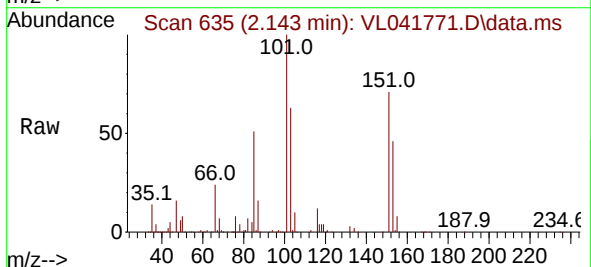
Acq: 17 Dec 2024 09:49

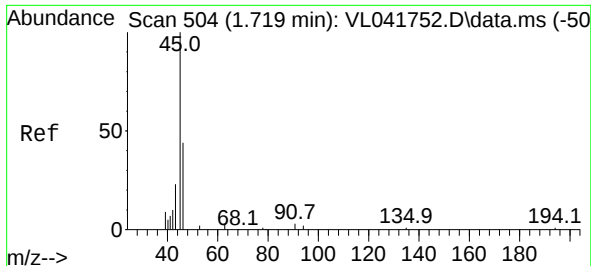
Tgt Ion:101 Resp: 94656

Ion Ratio Lower Upper

101 100

151 69.9 56.8 85.2





#13

Ethanol

Concen: 7.585 ppbv m

RT: 1.722 min Scan# 504

Delta R.T. 0.003 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 2830

Ion Ratio Lower Upper

45 100

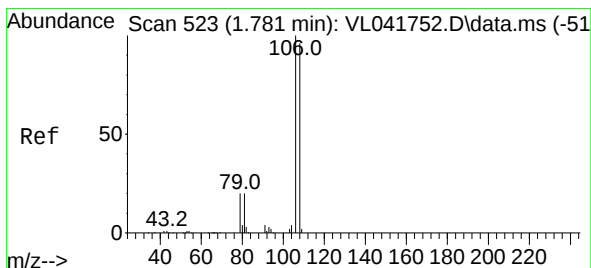
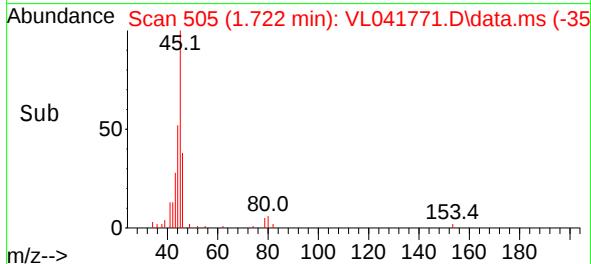
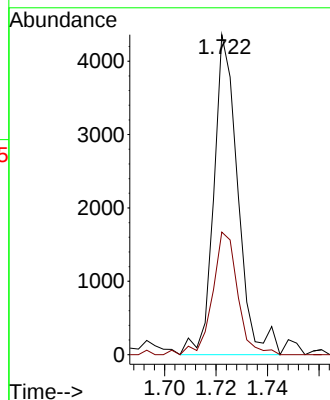
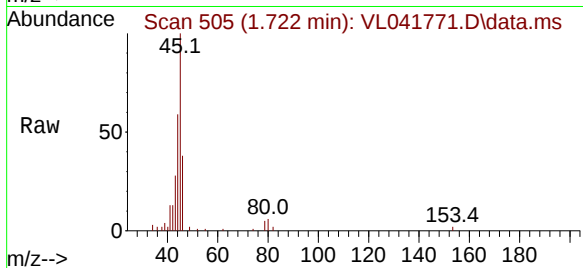
46 40.1 16.4 65.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#14

Bromoethene

Concen: 10.588 ppbv

RT: 1.784 min Scan# 524

Delta R.T. 0.003 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

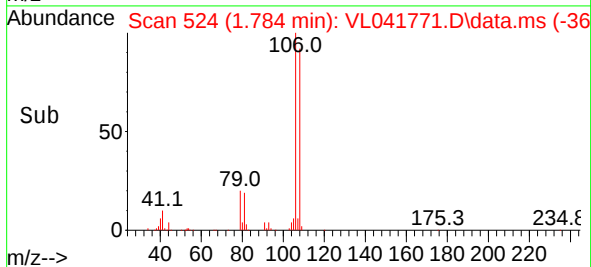
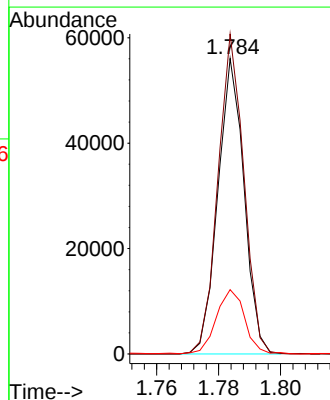
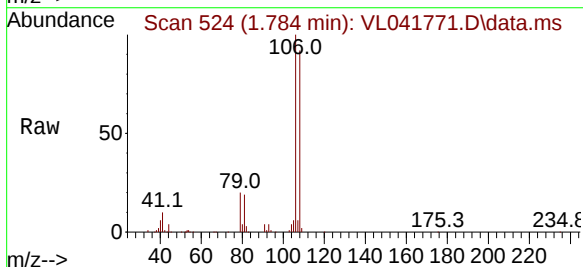
Tgt Ion:108 Resp: 32828

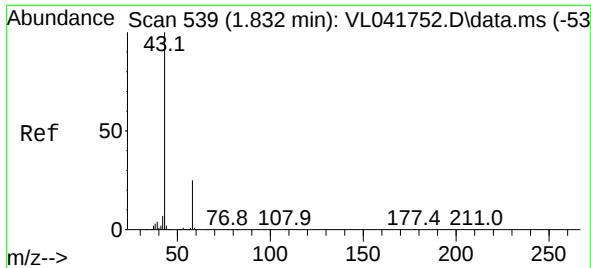
Ion Ratio Lower Upper

108 100

106 107.3 84.1 126.1

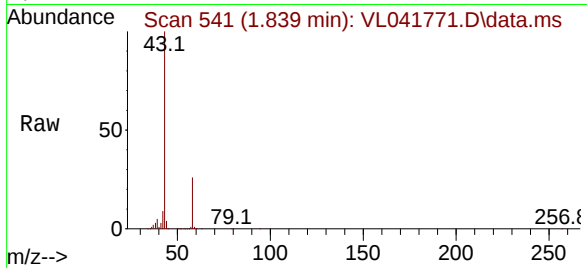
79 24.5 17.4 26.0





#15
Acetone
Concen: 8.211 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

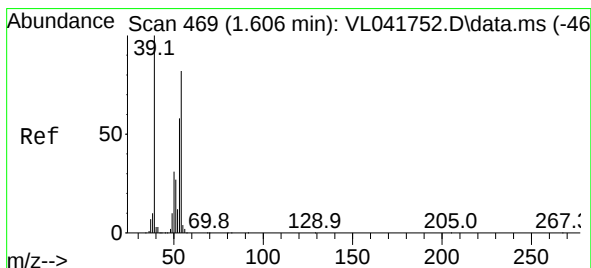
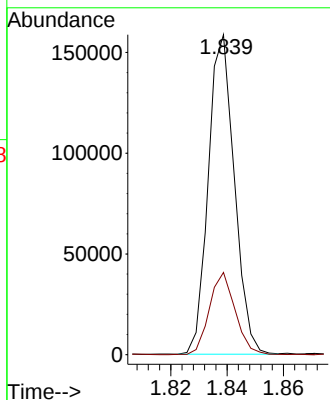
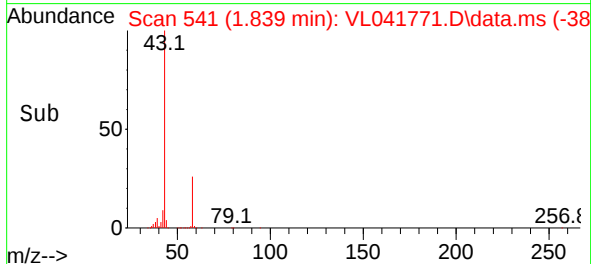
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



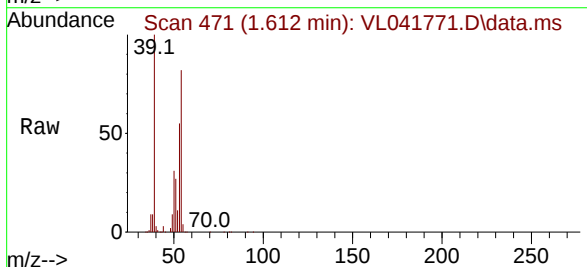
Tgt Ion: 43 Resp: 102064
Ion Ratio Lower Upper
43 100
58 25.6 19.7 29.5

Manual Integrations
APPROVED

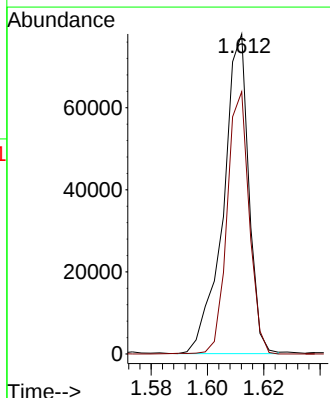
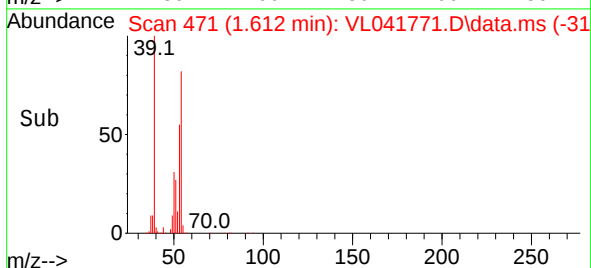
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

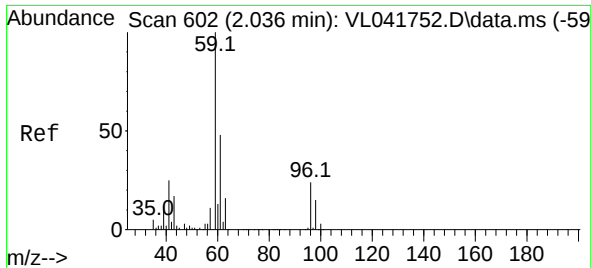


#16
1,3-Butadiene
Concen: 10.009 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.006 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49



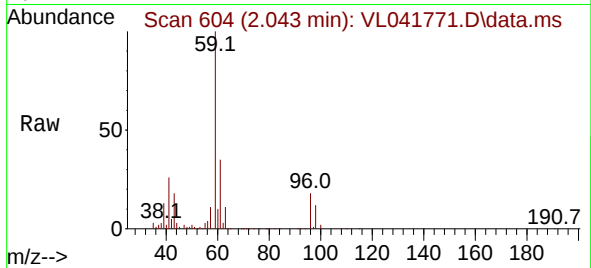
Tgt Ion: 39 Resp: 48987
Ion Ratio Lower Upper
39 100
54 71.1 58.4 87.6





#17
tert-Butyl alcohol
Concen: 10.092 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.006 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

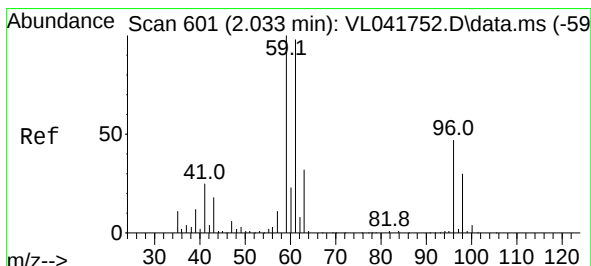
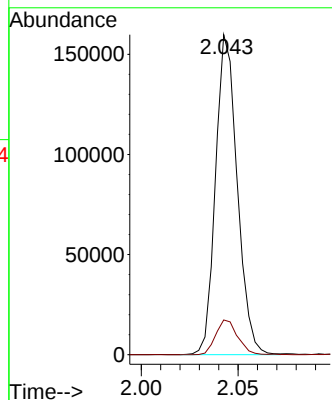
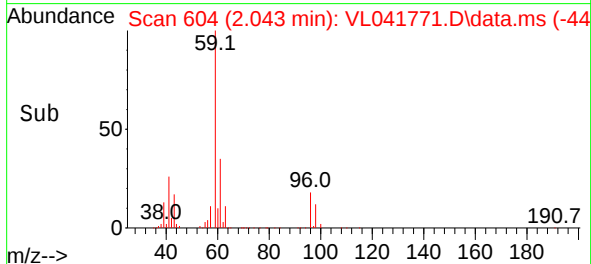
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010



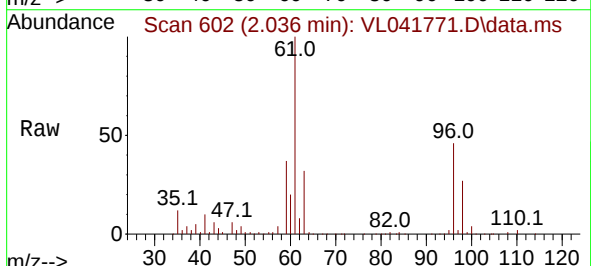
Tgt Ion: 59 Resp: 124449
Ion Ratio Lower Upper
59 100
57 11.0 8.6 13.0

Manual Integrations
APPROVED

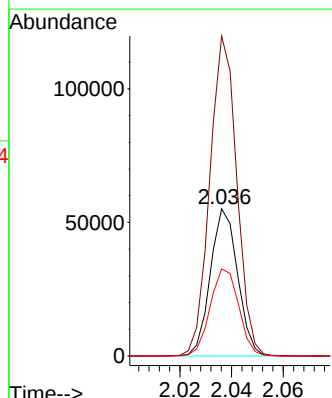
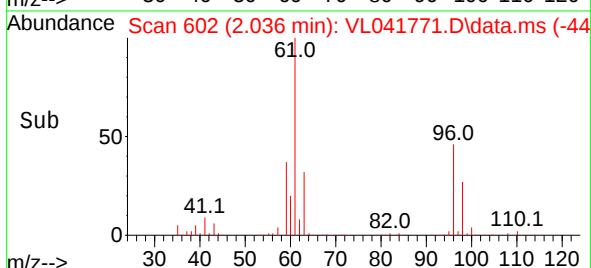
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

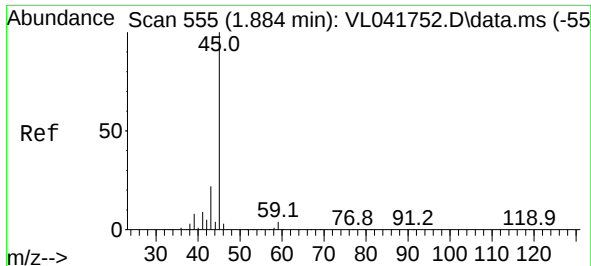


#18
1,1-Dichloroethene
Concen: 10.487 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49



Tgt Ion: 96 Resp: 40376
Ion Ratio Lower Upper
96 100
61 217.2 167.7 251.5
98 59.1 51.1 76.7





#19

Isopropyl Alcohol

Concen: 7.899 ppbv

RT: 1.887 min Scan# 5

Delta R.T. 0.003 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 58910

Ion Ratio Lower Upper

45 100

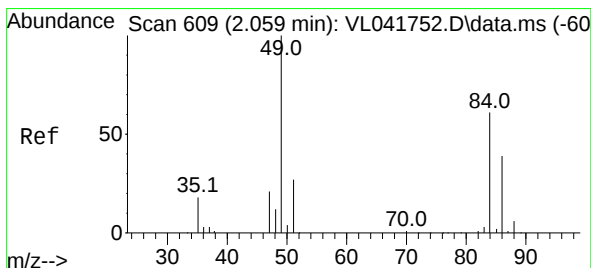
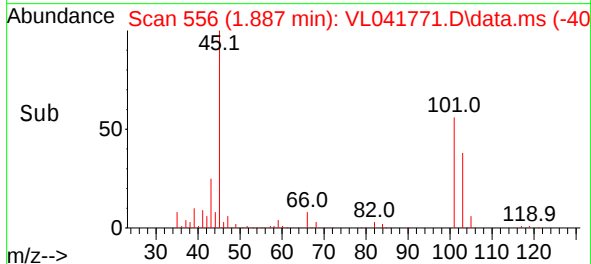
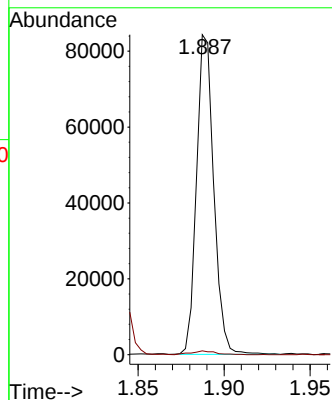
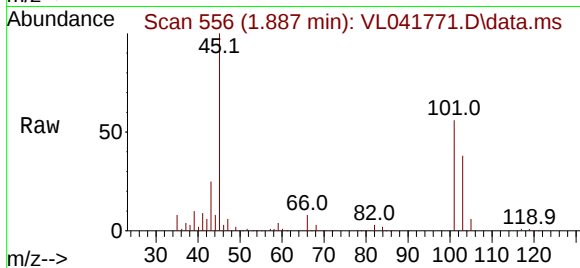
58 44.3 33.3 49.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#20

Methylene Chloride

Concen: 9.731 ppbv

RT: 2.065 min Scan# 611

Delta R.T. 0.006 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Tgt Ion: 84 Resp: 34491

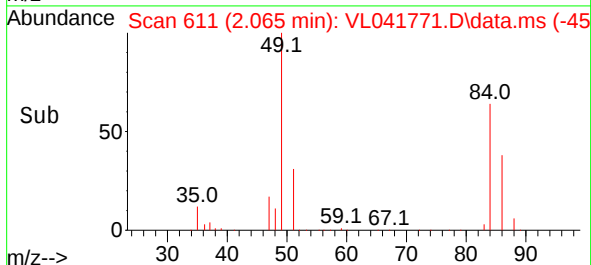
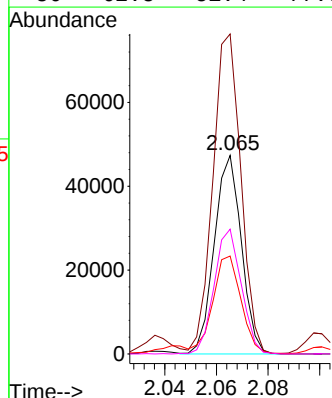
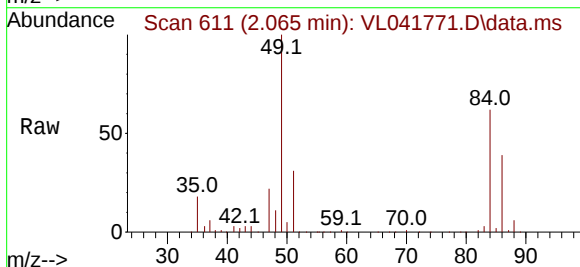
Ion Ratio Lower Upper

84 100

49 160.9 132.6 198.8

51 49.0 37.6 56.4

86 62.8 51.4 77.0





#21

Allyl Chloride

Concen: 10.173 ppbv

RT: 2.098 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

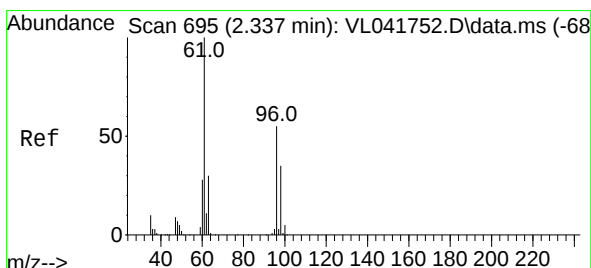
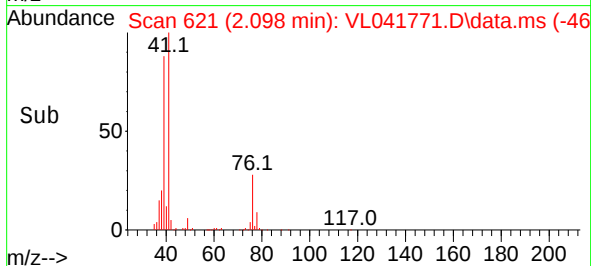
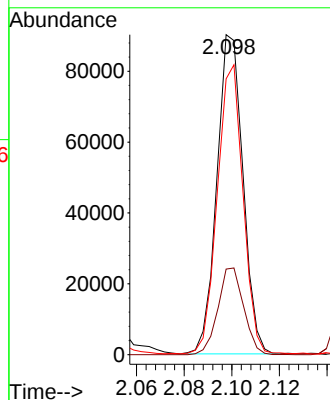
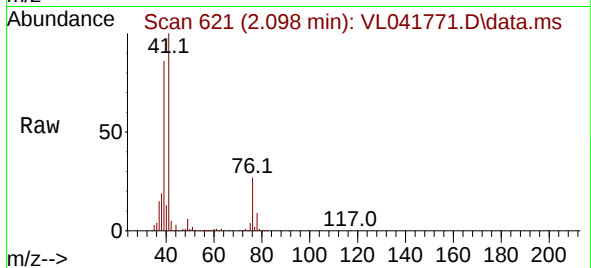
Tgt Ion: 41 Resp: 68570

Ion	Ratio	Lower	Upper
41	100		
76	26.9	22.3	33.5
39	89.1	69.2	103.8

Manual Integrations

APPROVED

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



#22

trans-1,2-Dichloroethene

Concen: 10.136 ppbv

RT: 2.344 min Scan# 697

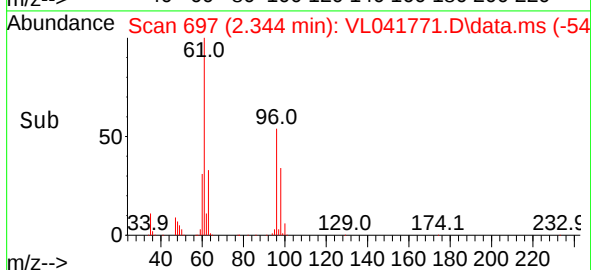
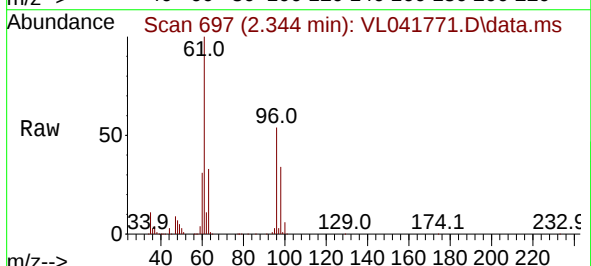
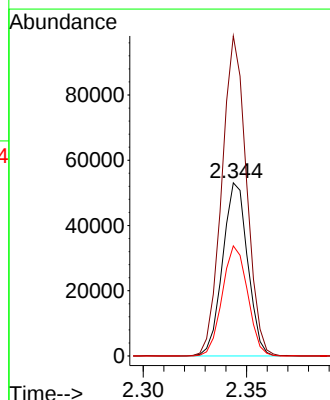
Delta R.T. 0.006 min

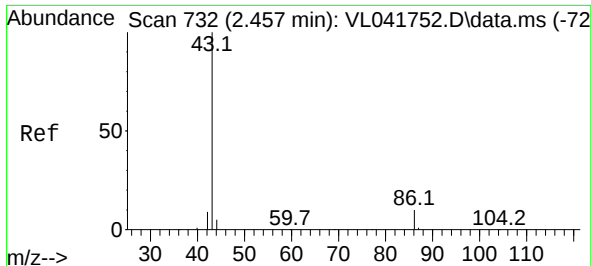
Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Tgt Ion: 96 Resp: 44672

Ion	Ratio	Lower	Upper
96	100		
61	184.9	146.3	219.5
98	63.6	50.8	76.2





#23
 Vinyl Acetate
 Concen: 8.723 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. 0.009 min
 Lab File: VL041771.D
 Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

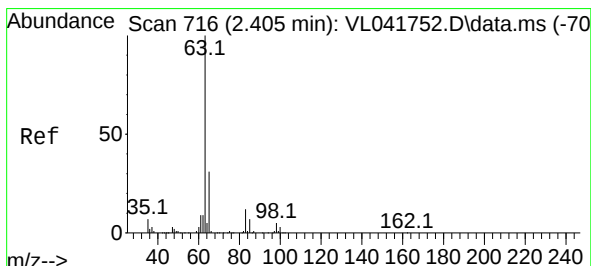
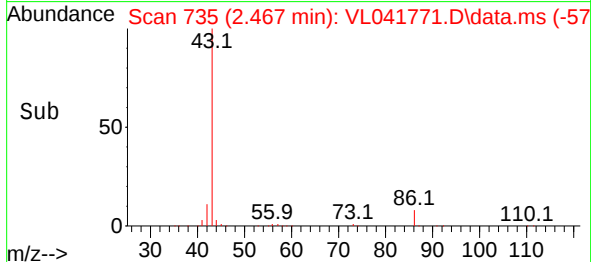
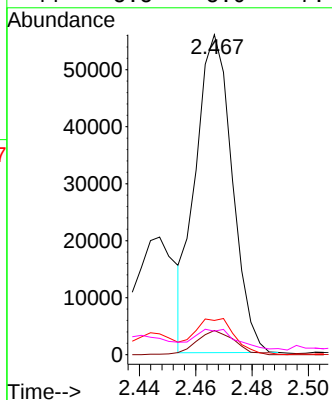
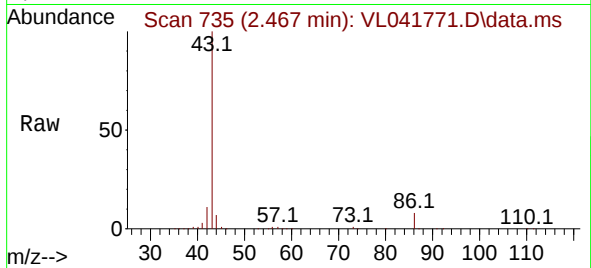
ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 5034
 Ion Ratio Lower Upper
 43 100
 86 7.6 6.6 10.0
 42 10.6 8.2 12.2
 44 5.5 5.0 7.4

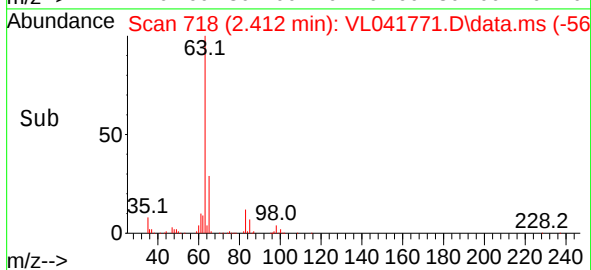
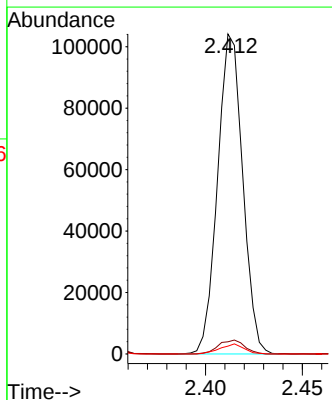
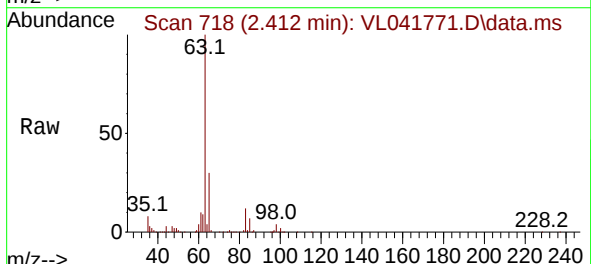
Manual Integrations
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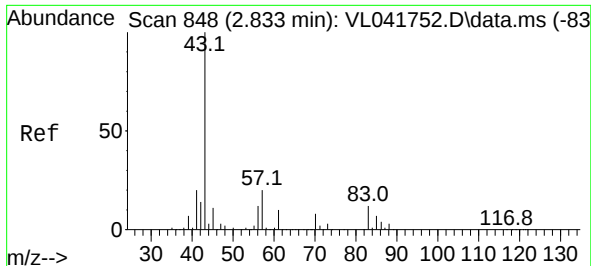
Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024



#24
 1,1-Dichloroethane
 Concen: 10.525 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VL041771.D
 Acq: 17 Dec 2024 09:49

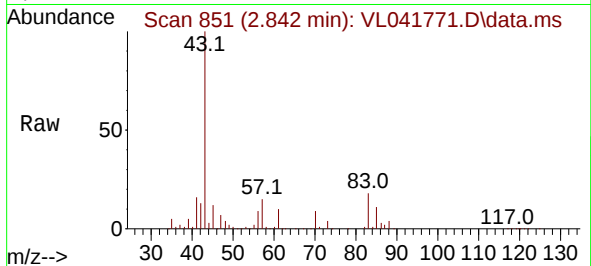
Tgt Ion: 63 Resp: 93890
 Ion Ratio Lower Upper
 63 100
 98 3.8 2.3 6.8
 100 2.5 1.4 4.2





#25
Ethyl Acetate
Concen: 10.191 ppbv
RT: 2.842 min Scan# 848
Delta R.T. 0.009 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

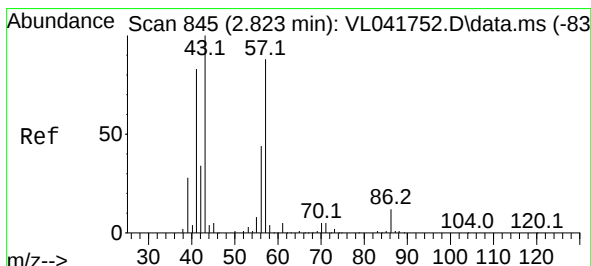
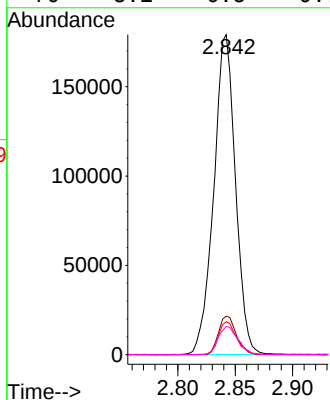
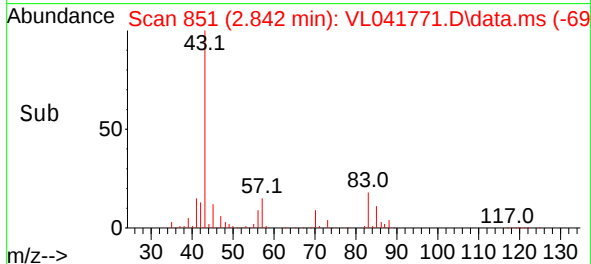
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 23564
Ion Ratio Lower Upper
43 100
45 10.0 8.1 12.1
61 8.6 7.0 10.6
70 8.1 6.5 9.7

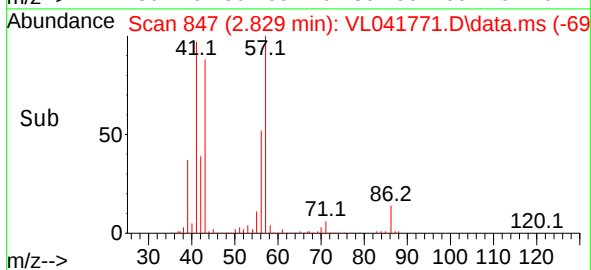
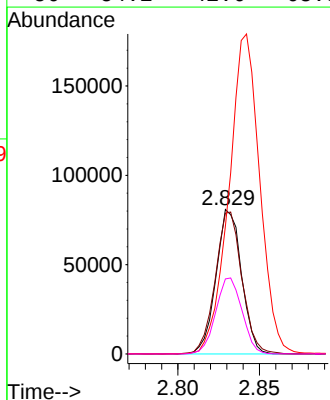
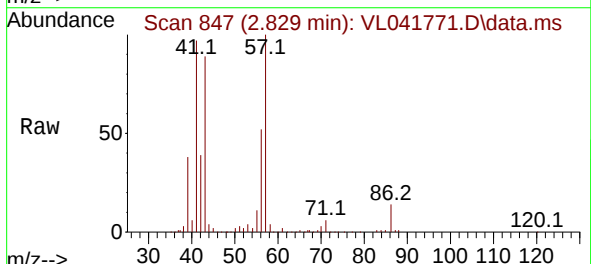
Manual Integrations
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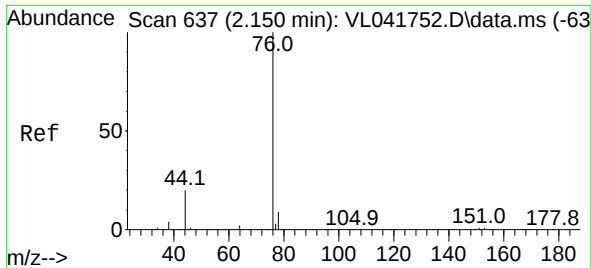
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#26
Hexane
Concen: 10.022 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.006 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

Tgt Ion: 57 Resp: 87940
Ion Ratio Lower Upper
57 100
41 103.0 79.6 119.4
43 268.8 211.0 316.6
56 54.2 42.6 63.8





#27

Carbon Disulfide

Concen: 10.357 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041771.D

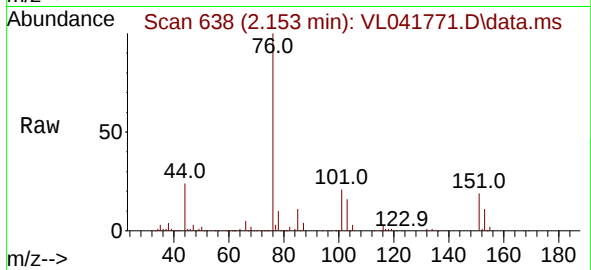
Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

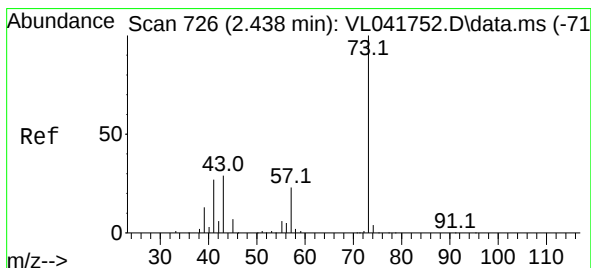
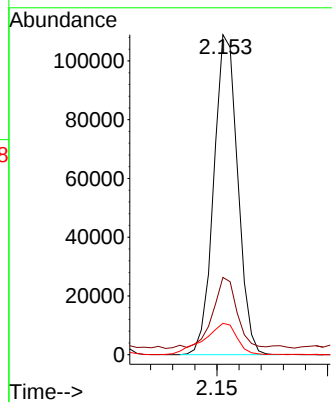
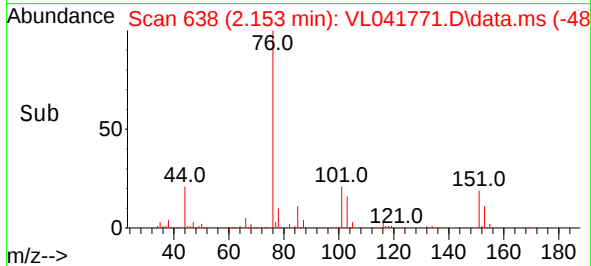


Tgt Ion: 76	Resp: 8189
Ion Ratio	Lower Upper
76	100
44	23.9 17.6 26.4
78	13.6 10.2 15.4

Manual Integrations

APPROVED

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



#28

Methyl tert-Butyl Ether

Concen: 9.573 ppbv

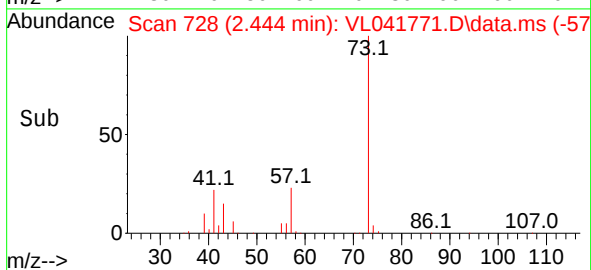
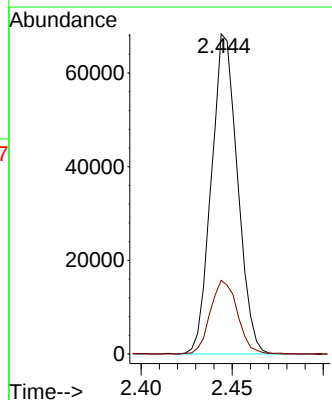
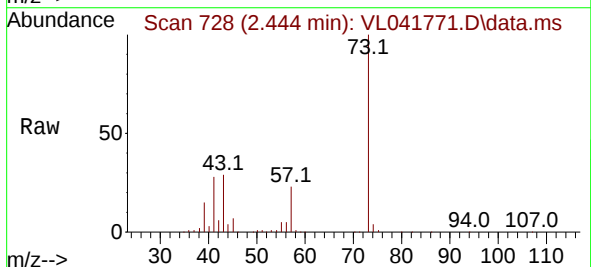
RT: 2.444 min Scan# 728

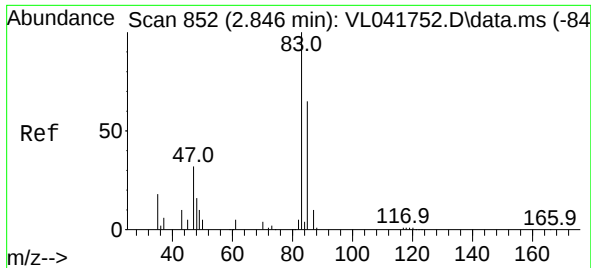
Delta R.T. 0.006 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Tgt Ion: 73	Resp: 68145
Ion Ratio	Lower Upper
73	100
57	24.0 17.6 26.4





#29

Chloroform

Concen: 10.481 ppbv

RT: 2.855 min Scan# 85

Delta R.T. 0.009 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 14015

Ion Ratio Lower Upper

83 100

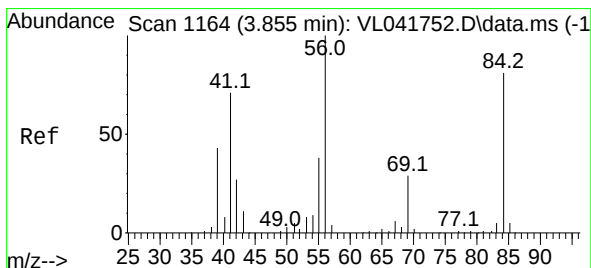
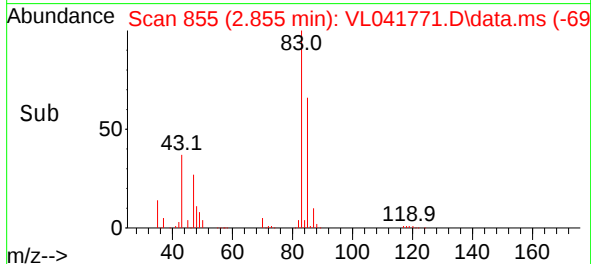
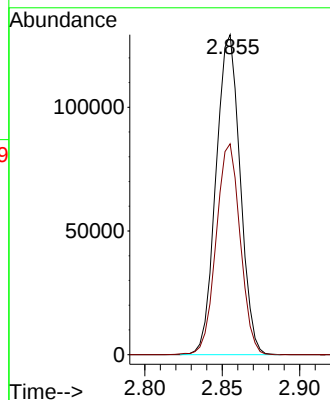
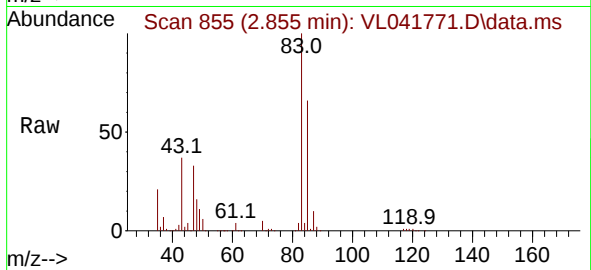
85 65.9 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#30

Cyclohexane

Concen: 9.854 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.009 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

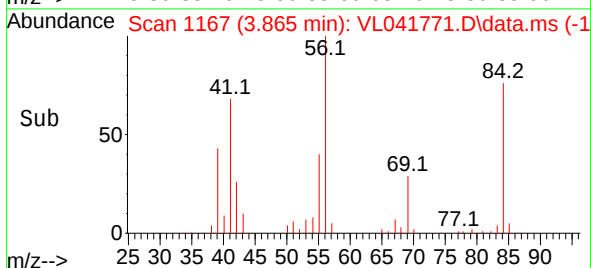
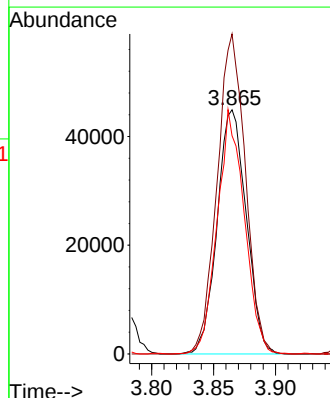
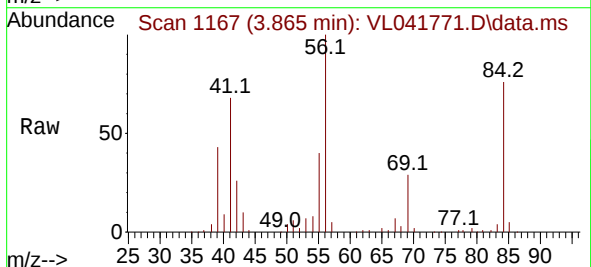
Tgt Ion: 84 Resp: 73570

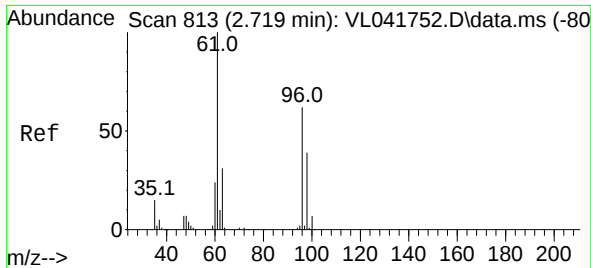
Ion Ratio Lower Upper

84 100

56 127.3 102.3 153.5

41 93.3 74.0 111.0





#31

cis-1,2-Dichloroethene

Concen: 10.083 ppbv

RT: 2.726 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 61 Resp: 91424

Ion Ratio Lower Upper

61 100

96 60.3 49.7 74.5

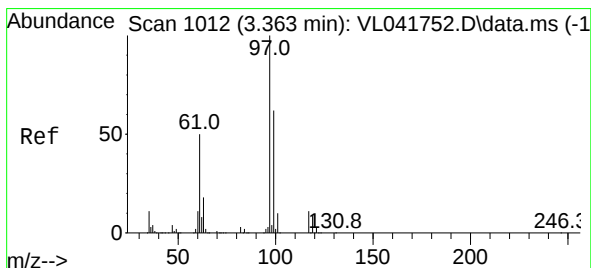
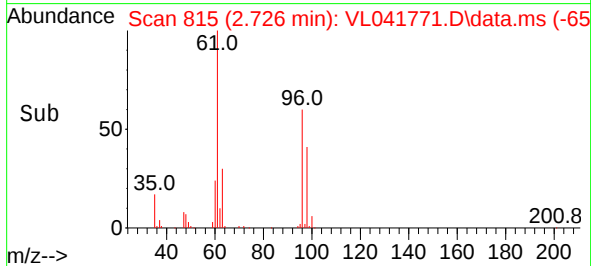
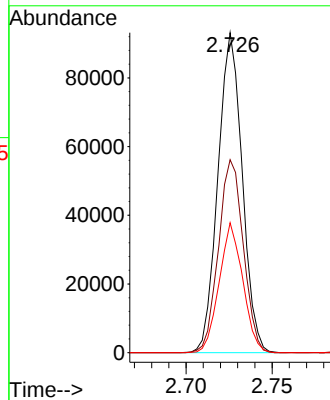
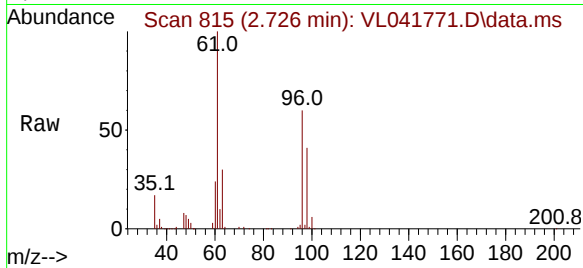
98 40.6 30.8 46.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#32

1,1,1-Trichloroethane

Concen: 10.632 ppbv

RT: 3.373 min Scan# 1015

Delta R.T. 0.009 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

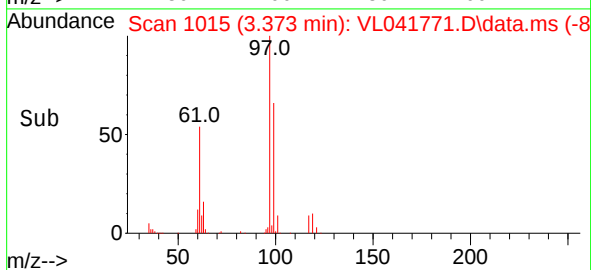
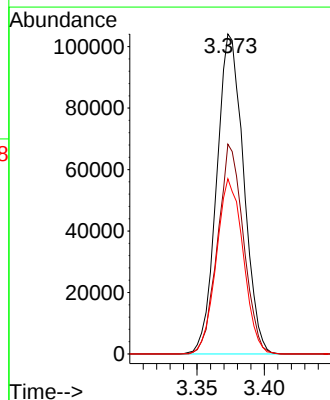
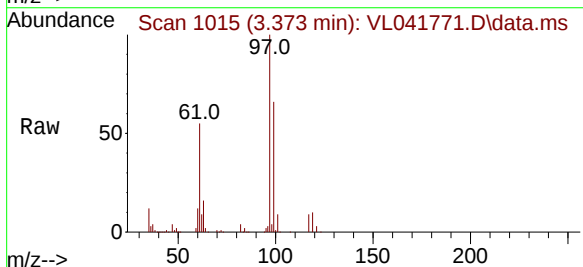
Tgt Ion: 97 Resp: 144527

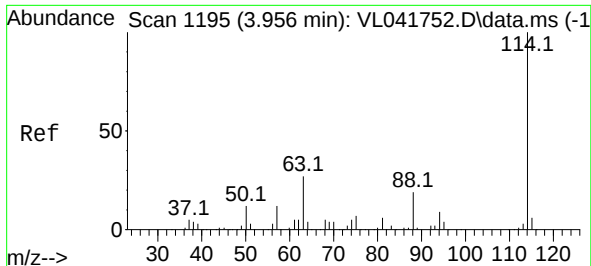
Ion Ratio Lower Upper

97 100

99 63.0 51.0 76.4

61 54.8 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: VL041771.D

Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

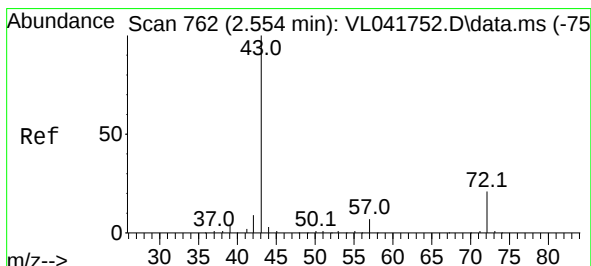
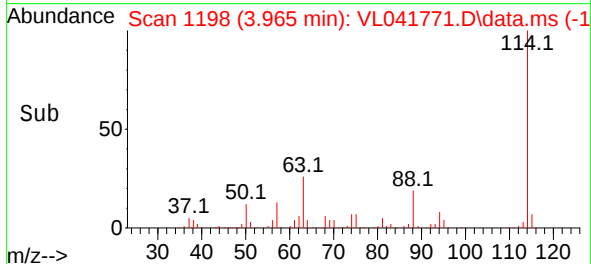
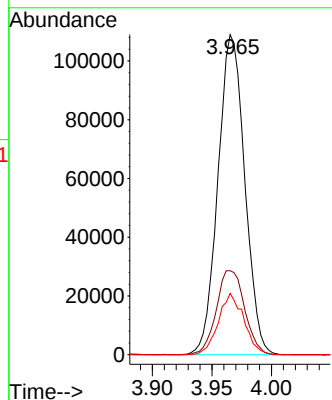
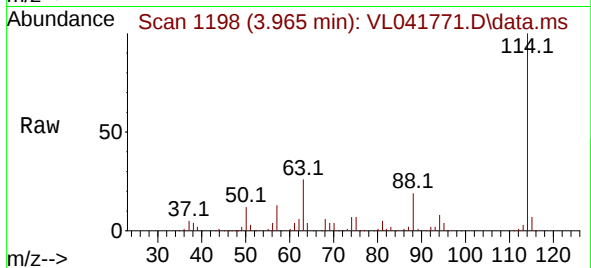
Tgt Ion:114 Resp: 17018

Ion	Ratio	Lower	Upper
114	100		
63	27.8	21.8	32.8
88	18.3	14.8	22.2

Manual Integrations

APPROVED

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



#34

2-Butanone

Concen: 9.791 ppbv

RT: 2.560 min Scan# 764

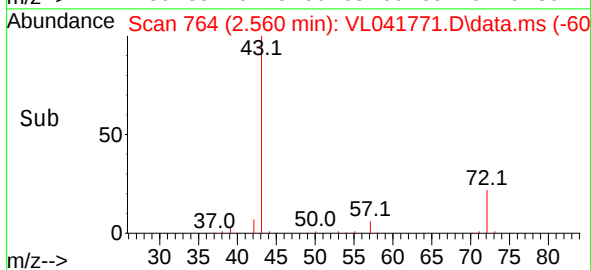
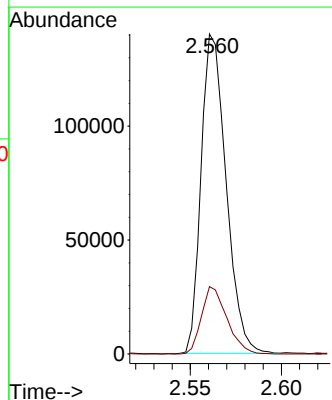
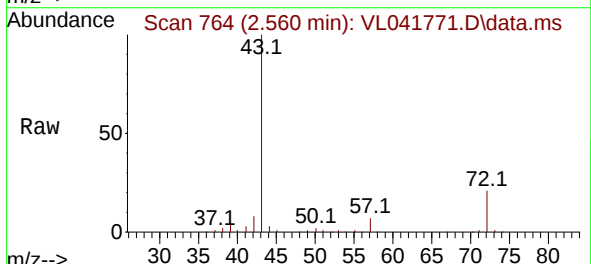
Delta R.T. 0.006 min

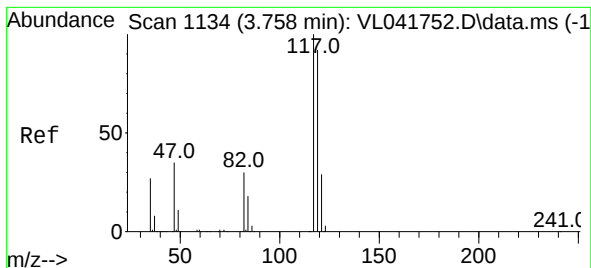
Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Tgt Ion: 43 Resp: 134057

Ion	Ratio	Lower	Upper
43	100		
72	21.4	16.8	25.2





#35

Carbon Tetrachloride

Concen: 11.996 ppbv

RT: 3.771 min Scan# 1134

Delta R.T. 0.013 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 144928

Ion Ratio Lower Upper

117 100

119 95.4 73.7 110.5

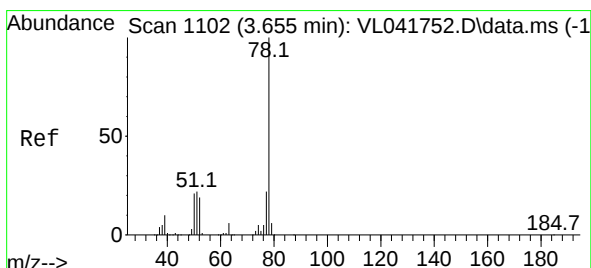
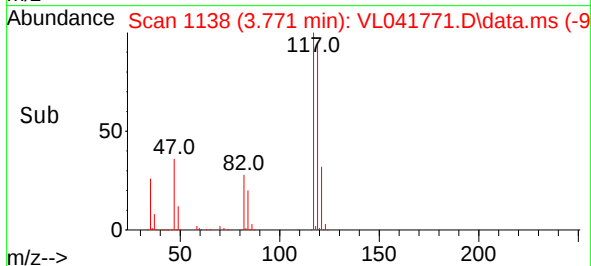
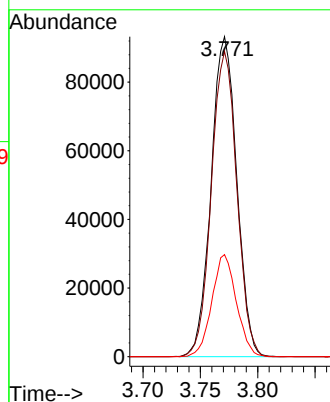
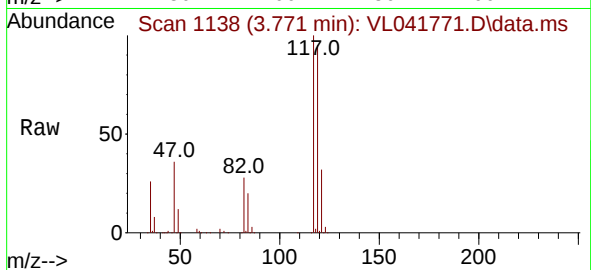
121 31.9 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#36

Benzene

Concen: 10.016 ppbv

RT: 3.664 min Scan# 1105

Delta R.T. 0.009 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

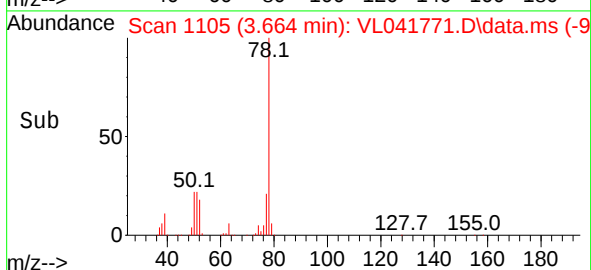
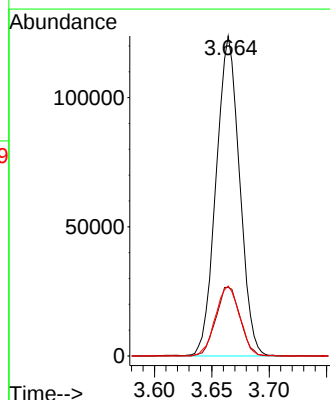
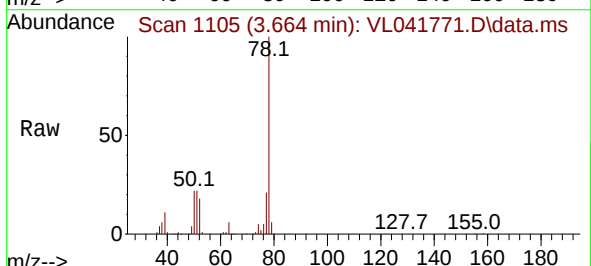
Tgt Ion: 78 Resp: 176315

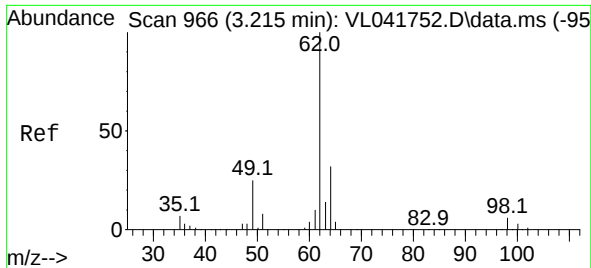
Ion Ratio Lower Upper

78 100

77 21.3 17.8 26.6

50 21.9 17.2 25.8





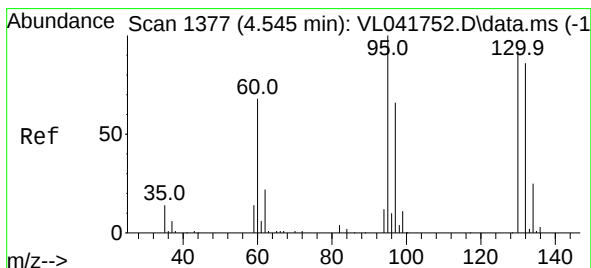
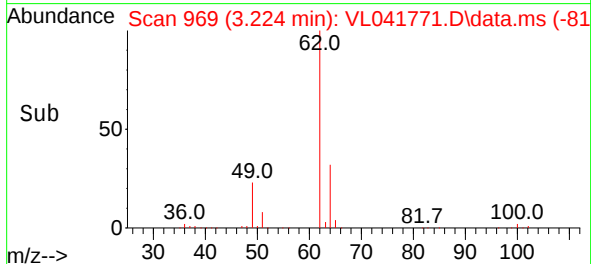
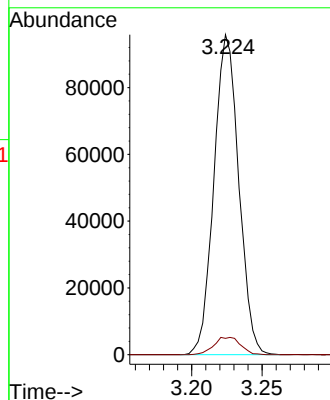
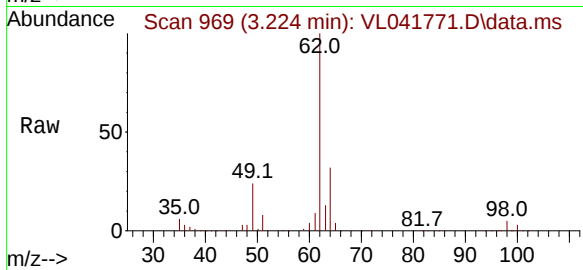
#37
1,2-Dichloroethane
Concen: 10.744 ppbv
RT: 3.224 min Scan# 90
Delta R.T. 0.009 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 11768
Ion Ratio Lower Upper
62 100
98 5.9 4.7 7.1

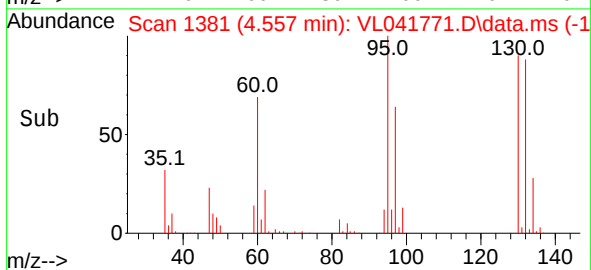
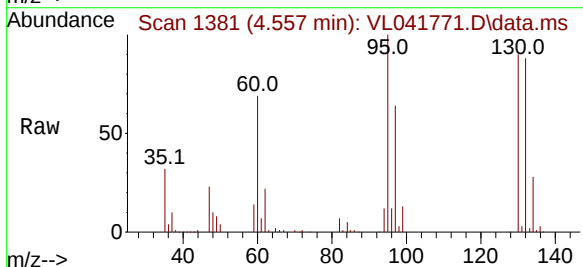
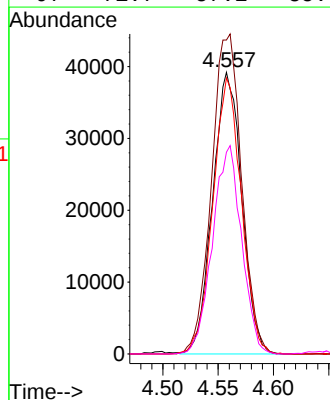
Manual Integrations
APPROVED

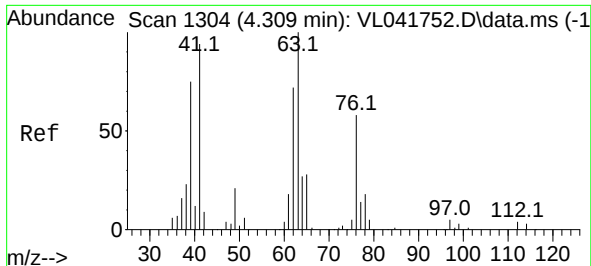
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#38
Trichloroethene
Concen: 9.622 ppbv
RT: 4.557 min Scan# 1381
Delta R.T. 0.013 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

Tgt Ion:130 Resp: 71903
Ion Ratio Lower Upper
130 100
95 111.3 87.0 130.6
132 97.6 75.0 112.6
97 71.7 57.2 85.8





#39

1,2-Dichloropropane

Concen: 9.903 ppbv

RT: 4.324 min Scan# 1309

Delta R.T. 0.016 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

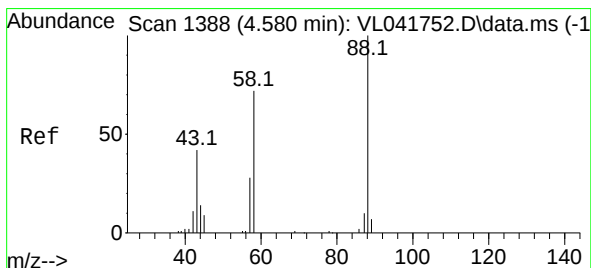
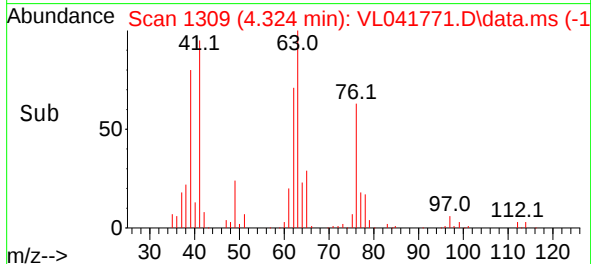
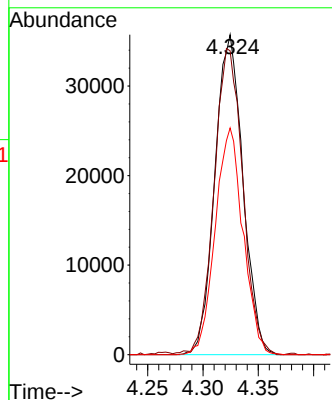
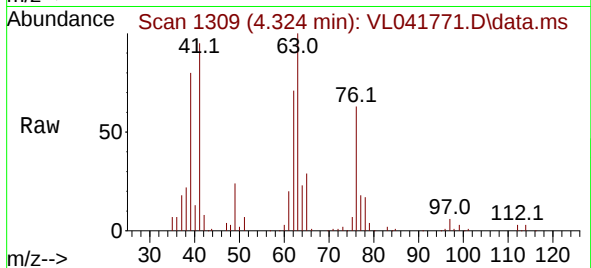
Tgt Ion: 63 Resp: 63050

Ion	Ratio	Lower	Upper
63	100		
41	95.0	75.3	112.9
62	70.7	57.3	85.9

Manual Integrations

APPROVED

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



#40

1,4-Dioxane

Concen: 9.754 ppbv

RT: 4.593 min Scan# 1392

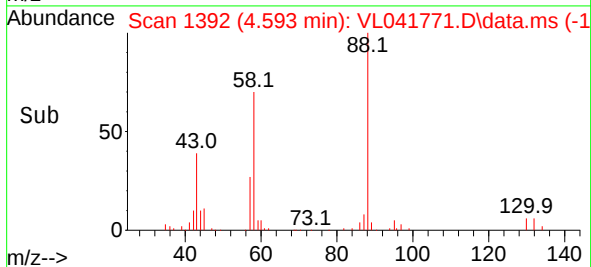
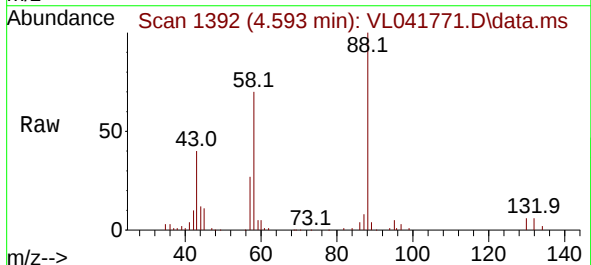
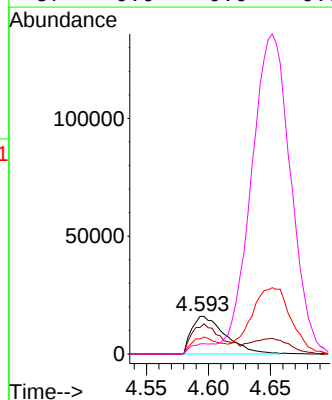
Delta R.T. 0.013 min

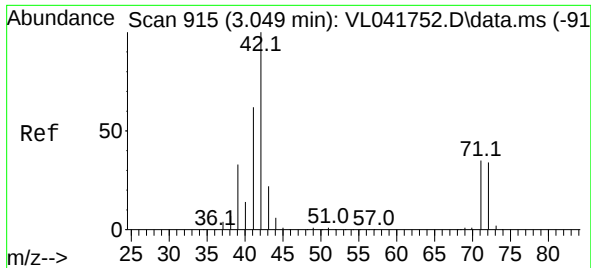
Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Tgt Ion: 88 Resp: 30339

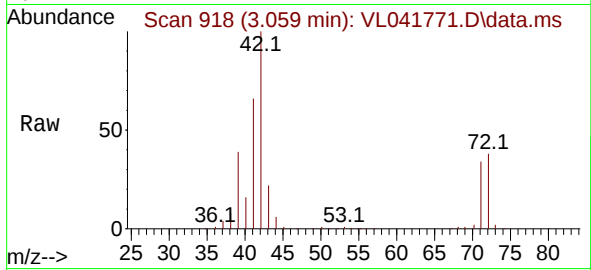
Ion	Ratio	Lower	Upper
88	100		
58	71.2	61.0	91.6
43	38.4	29.4	44.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 9.515 ppbv
RT: 3.059 min Scan# 915
Delta R.T. 0.009 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

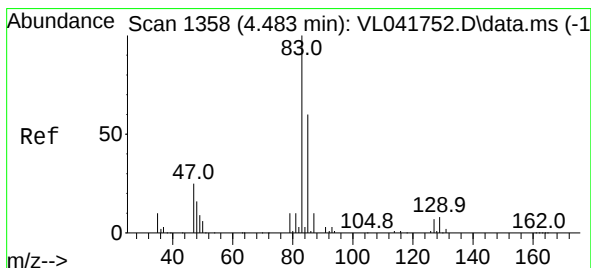
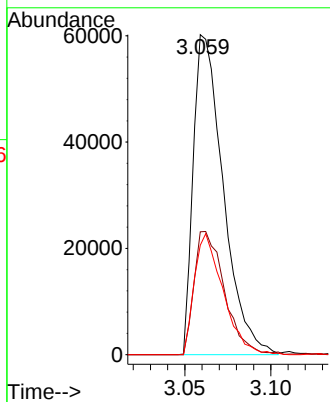
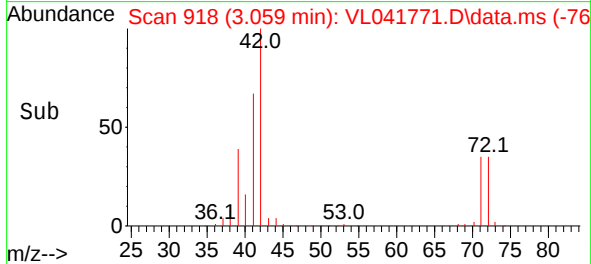
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



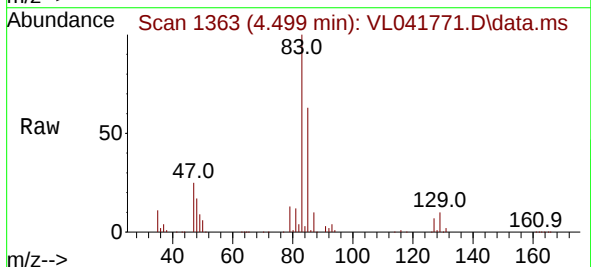
Tgt Ion: 42 Resp: 72983
Ion Ratio Lower Upper
42 100
72 39.2 29.1 43.7
71 36.2 28.4 42.6

Manual Integrations
APPROVED

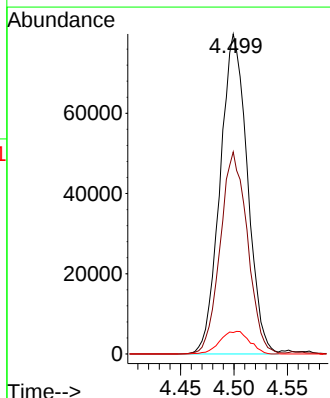
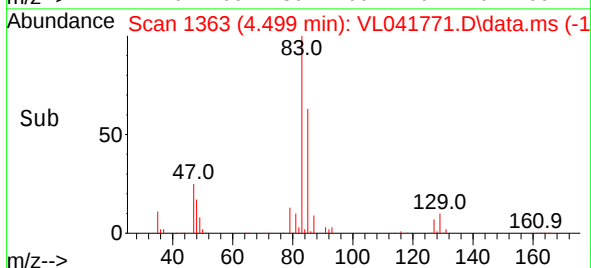
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

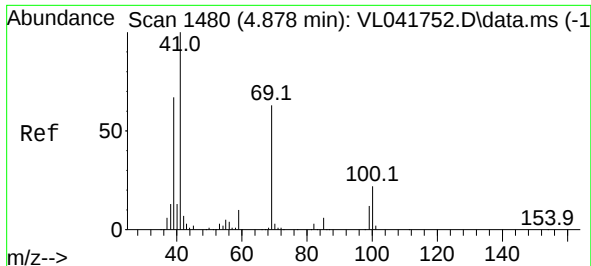


#42
Bromodichloromethane
Concen: 11.233 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. 0.016 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49



Tgt Ion: 83 Resp: 141557
Ion Ratio Lower Upper
83 100
85 63.2 48.0 72.0
127 6.7 5.8 8.8





#43

Methyl Methacrylate

Concen: 10.439 ppbv

RT: 4.891 min Scan# 1480

Delta R.T. 0.013 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

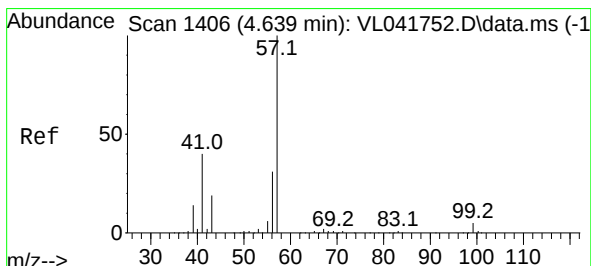
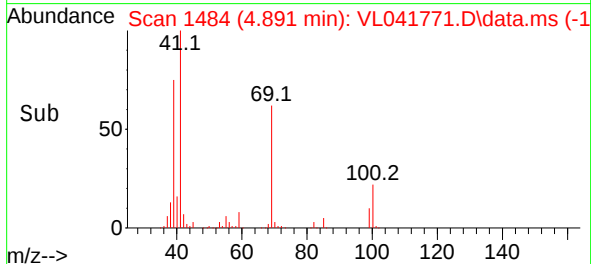
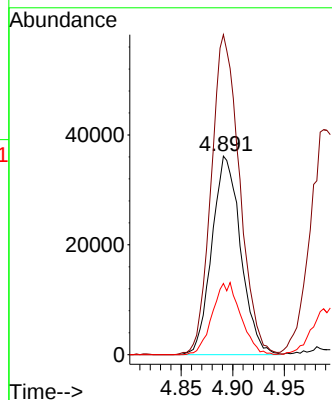
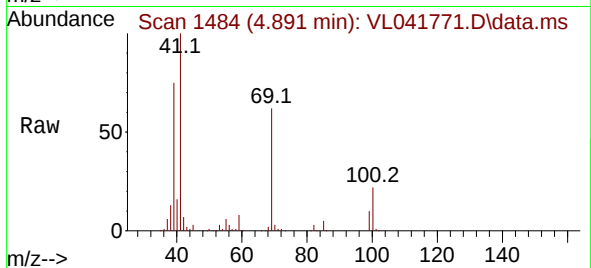
Tgt Ion: 69 Resp: 7002

Ion	Ratio	Lower	Upper
69	100		
41	158.9	130.3	195.5
100	35.9	28.3	42.5

Manual Integrations

APPROVED

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



#44

2,2,4-Trimethylpentane

Concen: 9.972 ppbv

RT: 4.651 min Scan# 1410

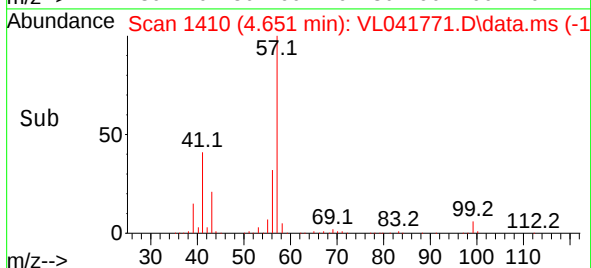
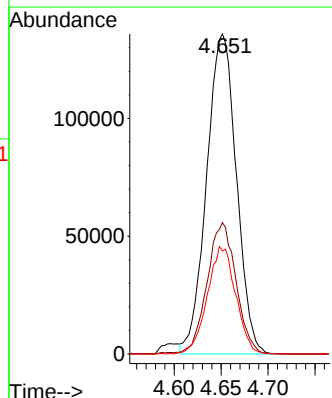
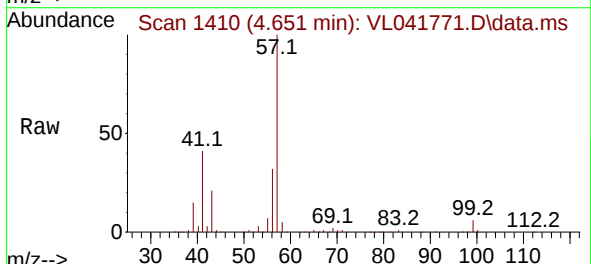
Delta R.T. 0.013 min

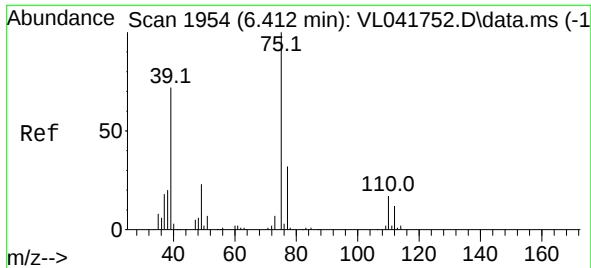
Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Tgt Ion: 57 Resp: 299816

Ion	Ratio	Lower	Upper
57	100		
41	40.2	30.7	46.1
56	31.9	25.4	38.0





#45

t-1,3-Dichloropropene

Concen: 10.475 ppbv

RT: 6.425 min Scan# 1954

Delta R.T. 0.013 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 72674

Ion Ratio Lower Upper

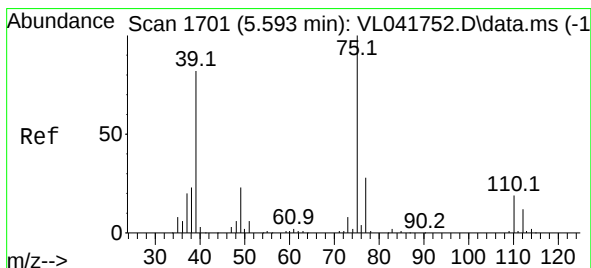
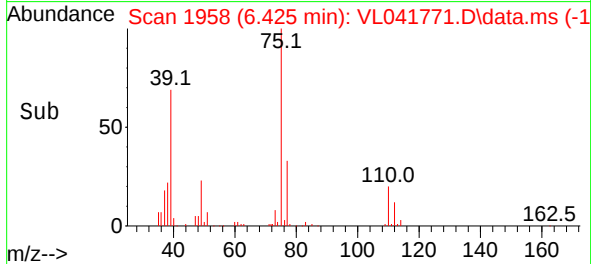
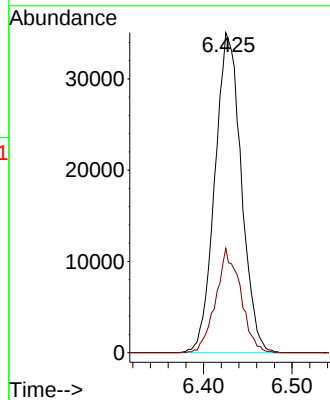
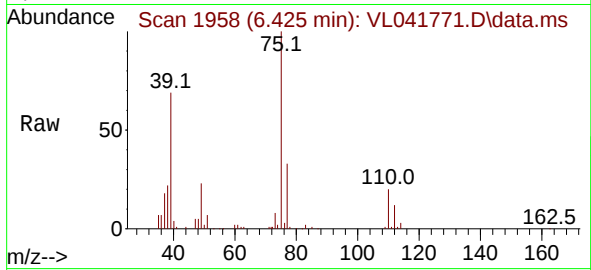
75 100

77 32.6 25.9 38.9

Manual Integrations

APPROVED

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



#46

cis-1,3-Dichloropropene

Concen: 10.159 ppbv

RT: 5.613 min Scan# 1707

Delta R.T. 0.019 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

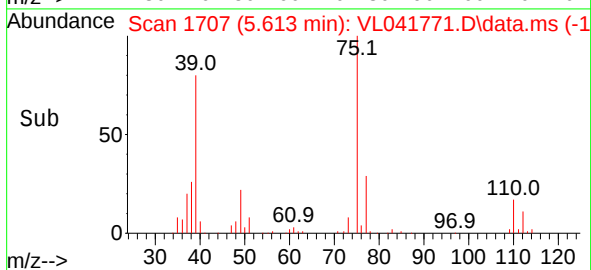
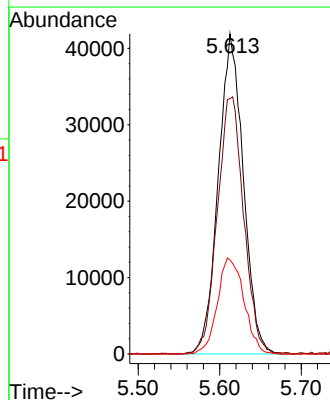
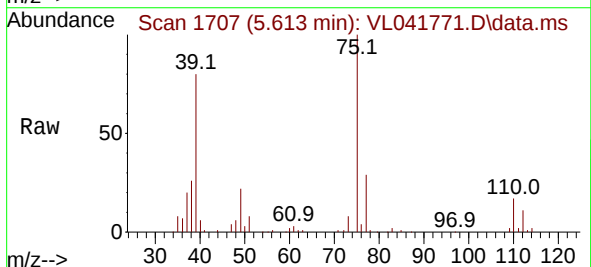
Tgt Ion: 75 Resp: 89477

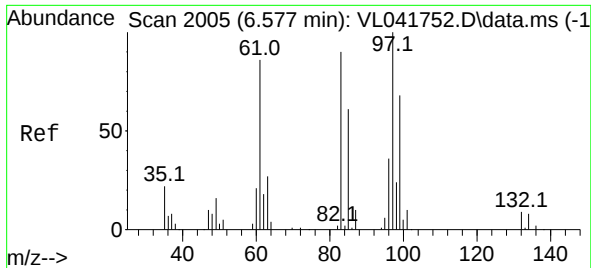
Ion Ratio Lower Upper

75 100

39 79.8 65.2 97.8

77 29.4 22.0 33.0





#47

1,1,2-Trichloroethane

Concen: 10.135 ppbv

RT: 6.593 min Scan# 2005

Delta R.T. 0.016 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 6739

Ion Ratio Lower Upper

97 100

83 88.0 72.3 108.5

85 59.7 48.5 72.7

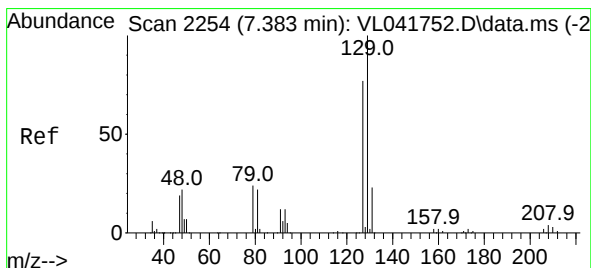
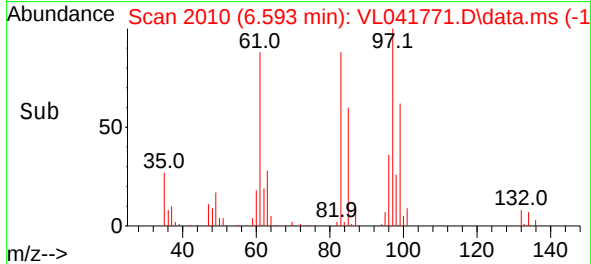
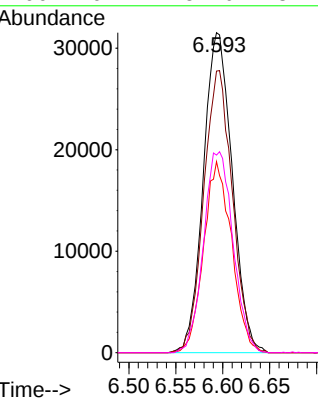
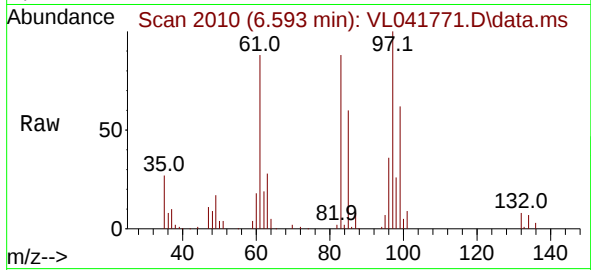
99 61.7 54.0 81.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#48

Dibromochloromethane

Concen: 11.627 ppbv

RT: 7.399 min Scan# 2259

Delta R.T. 0.016 min

Lab File: VL041771.D

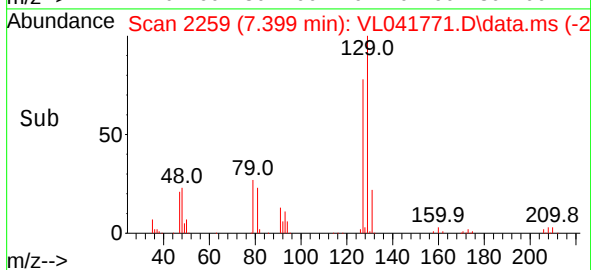
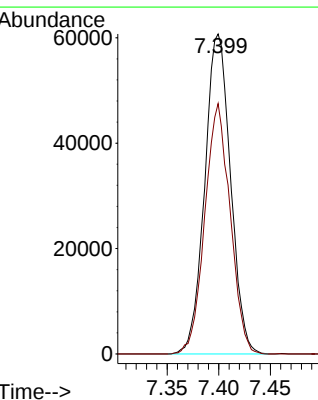
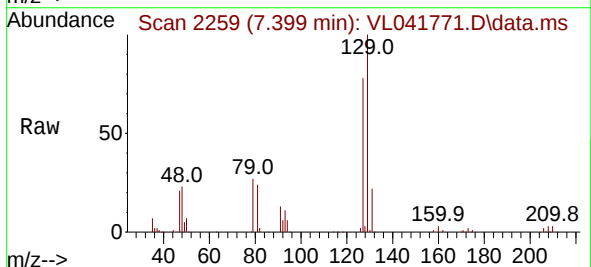
Acq: 17 Dec 2024 09:49

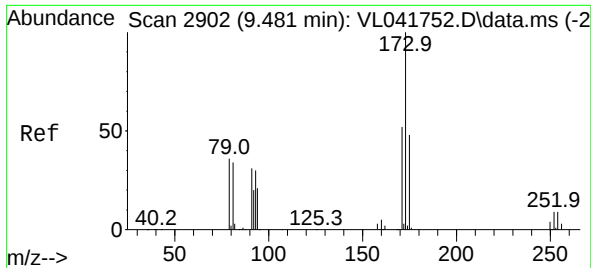
Tgt Ion:129 Resp: 105580

Ion Ratio Lower Upper

129 100

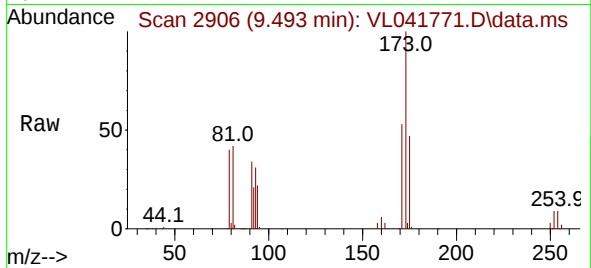
127 76.8 38.8 116.3





#49
Bromoform
Concen: 11.431 ppbv
RT: 9.493 min Scan# 2096
Delta R.T. 0.013 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

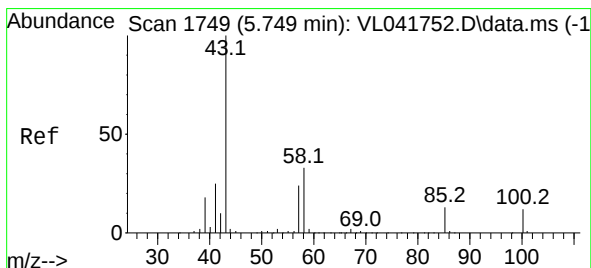
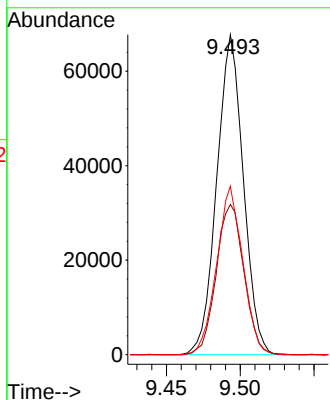
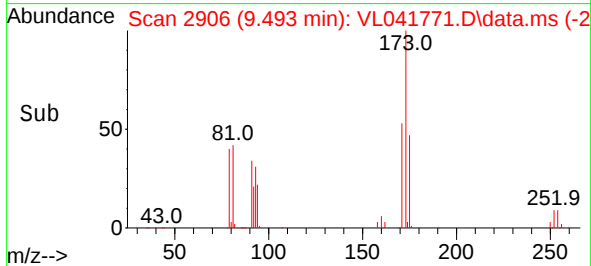
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



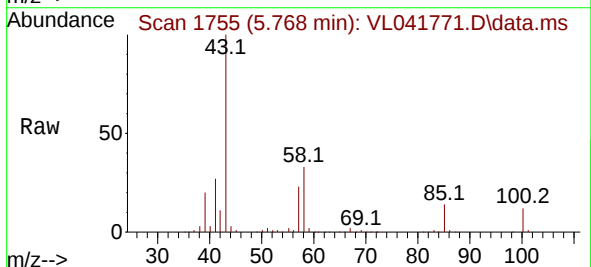
Tgt Ion:173 Resp: 84969
Ion Ratio Lower Upper
173 100
175 49.0 38.2 57.2
171 51.8 41.1 61.7

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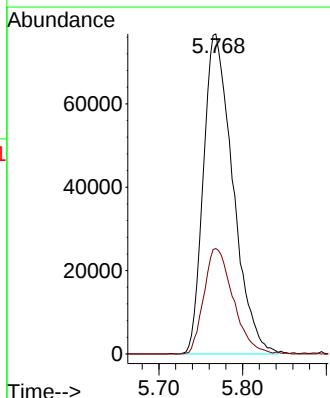
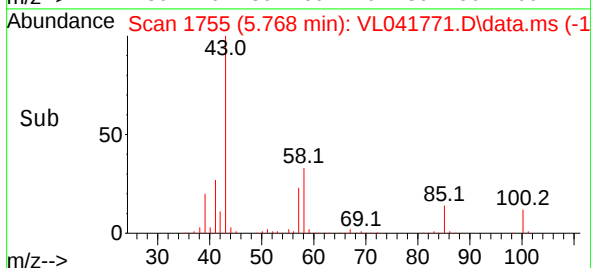
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

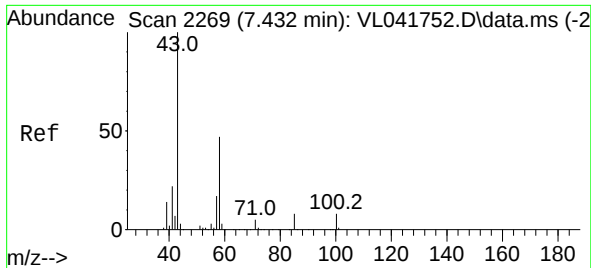


#50
4-Methyl-2-Pentanone
Concen: 10.068 ppbv
RT: 5.768 min Scan# 1755
Delta R.T. 0.019 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49



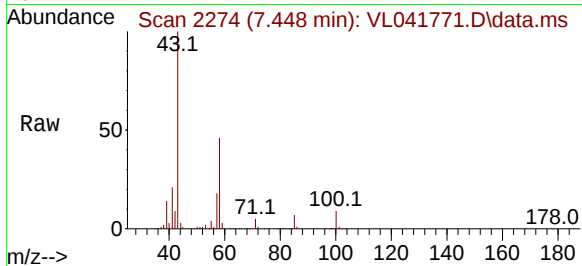
Tgt Ion: 43 Resp: 187697
Ion Ratio Lower Upper
43 100
58 32.8 26.8 40.2





#51
2-Hexanone
Concen: 9.904 ppbv
RT: 7.448 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

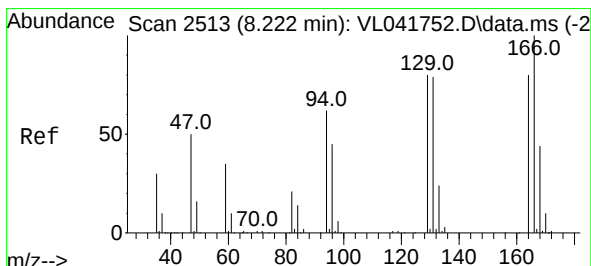
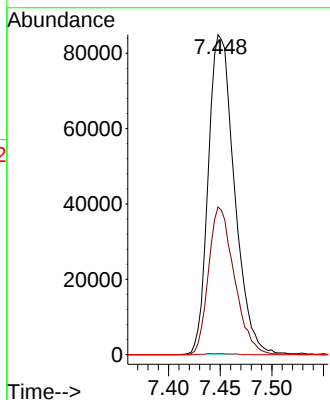
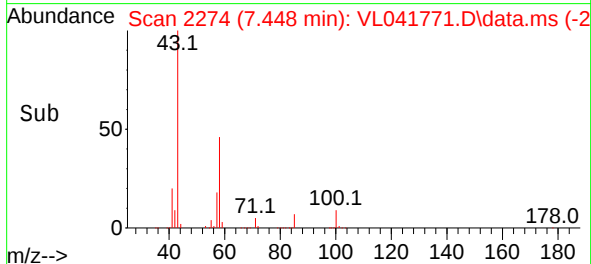
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 149660
Ion Ratio Lower Upper
43 100
58 45.6 36.6 55.0
98 0.4 0.1 0.1

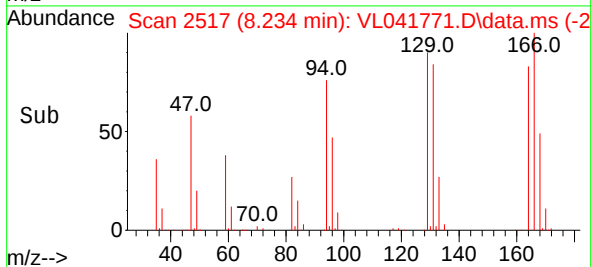
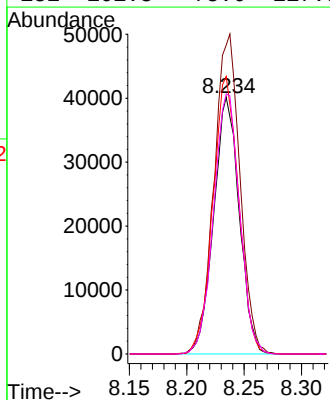
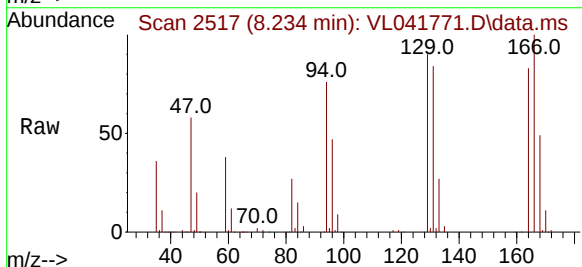
Manual Integrations
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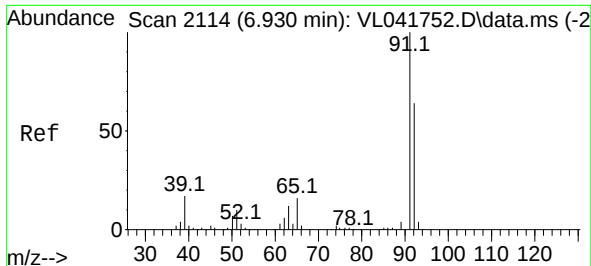
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#52
Tetrachloroethene
Concen: 9.476 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. 0.013 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

Tgt Ion:164 Resp: 62093
Ion Ratio Lower Upper
164 100
166 120.3 99.8 149.6
129 108.0 79.6 119.4
131 101.3 78.6 117.8





#53

Toluene

Concen: 9.940 ppbv

RT: 6.946 min Scan# 2114

Delta R.T. 0.016 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 19838

Ion Ratio Lower Upper

91 100

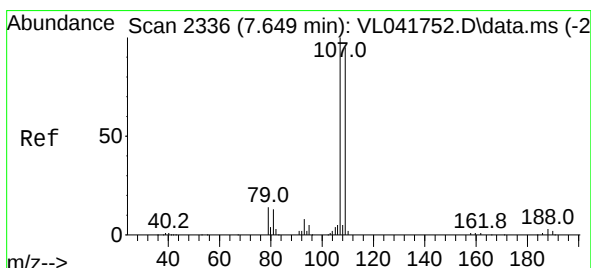
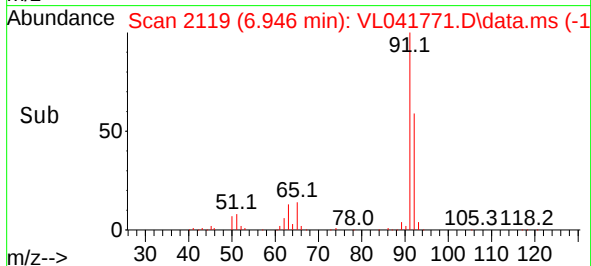
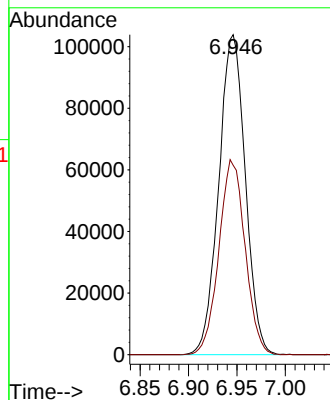
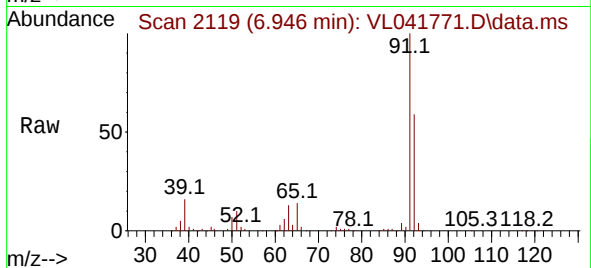
92 60.1 47.9 71.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#54

1,2-Dibromoethane

Concen: 10.499 ppbv

RT: 7.665 min Scan# 2341

Delta R.T. 0.016 min

Lab File: VL041771.D

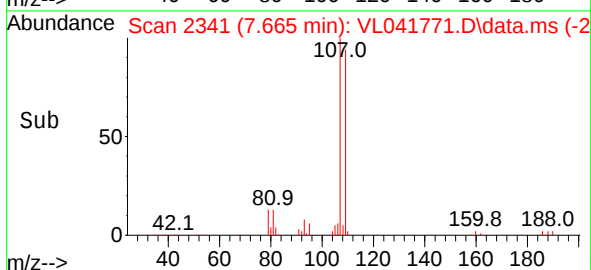
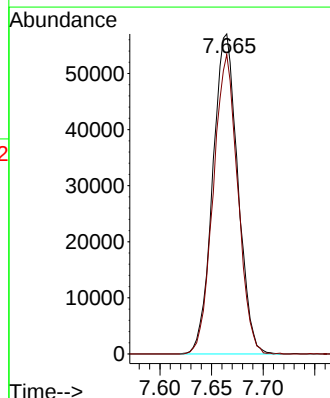
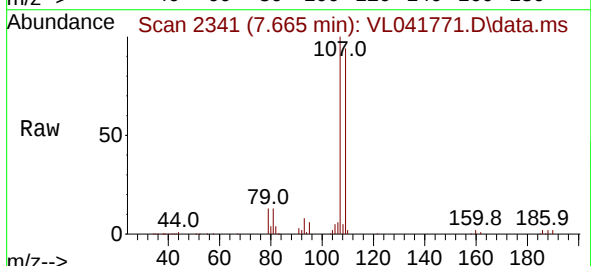
Acq: 17 Dec 2024 09:49

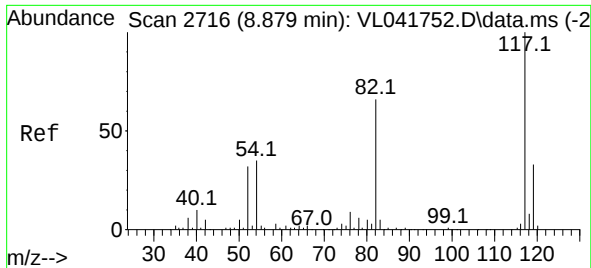
Tgt Ion:107 Resp: 96206

Ion Ratio Lower Upper

107 100

109 93.5 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 2716

Delta R.T. 0.013 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 148019

Ion Ratio Lower Upper

117 100

82 68.3 53.8 80.8

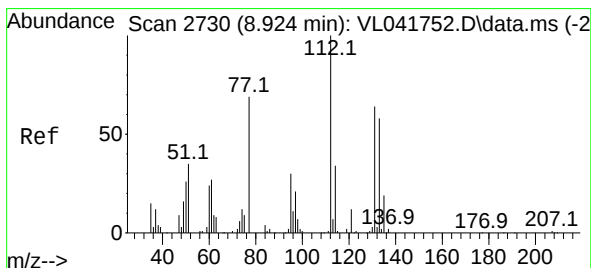
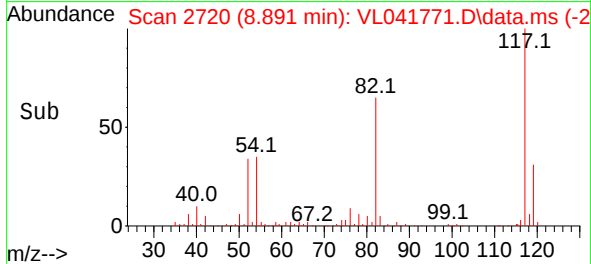
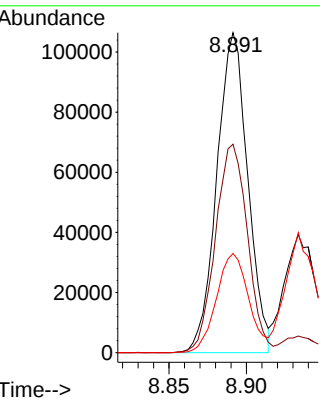
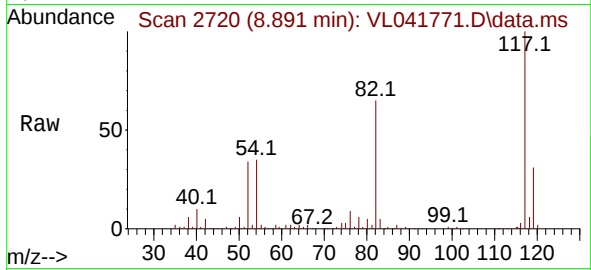
119 32.6 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 11.435 ppbv

RT: 8.933 min Scan# 2733

Delta R.T. 0.009 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

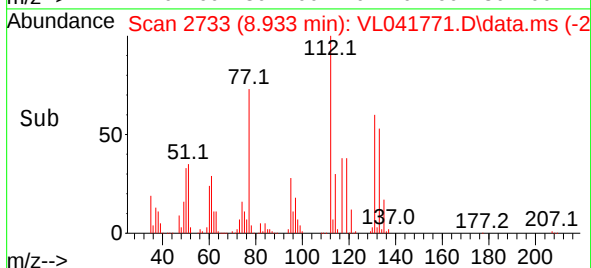
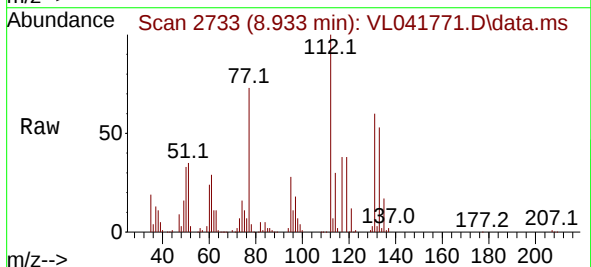
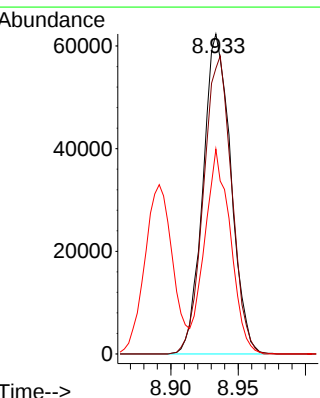
Tgt Ion:131 Resp: 89730

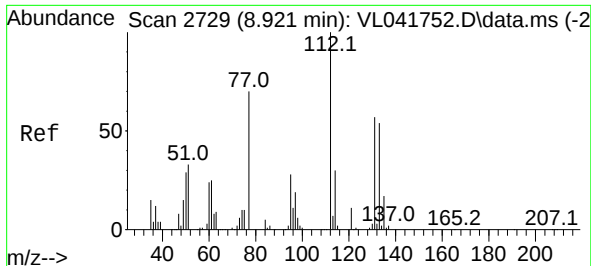
Ion Ratio Lower Upper

131 100

133 94.1 76.8 115.2

119 60.0 49.0 73.6





#57

Chlorobenzene

Concen: 10.324 ppbv

RT: 8.930 min Scan# 21

Delta R.T. 0.009 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

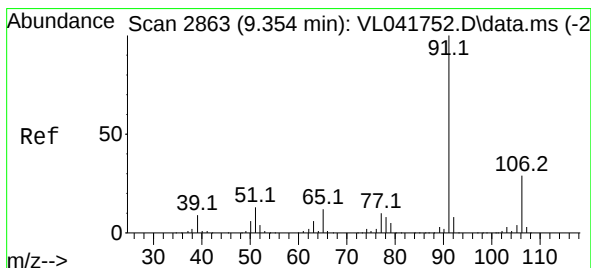
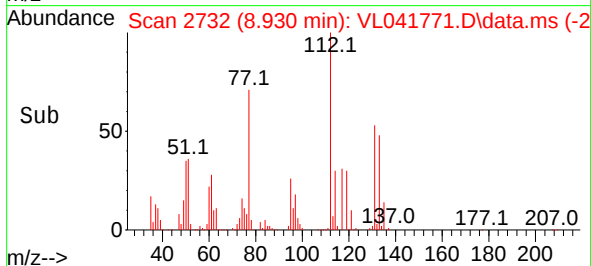
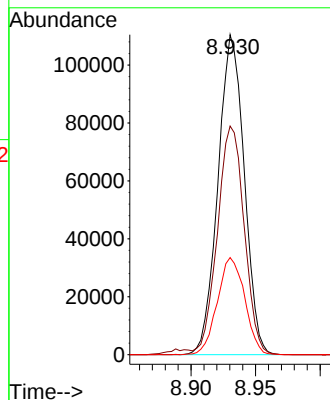
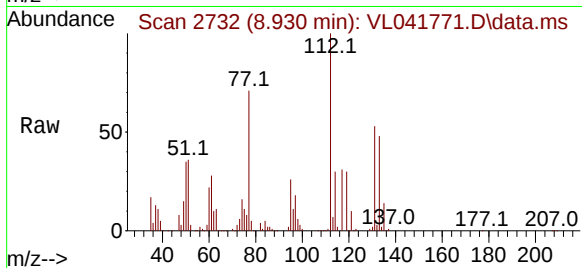
Tgt Ion:112 Resp: 156382

Ion	Ratio	Lower	Upper
112	100		
77	71.4	57.4	86.0
114	30.3	27.4	33.4

Manual Integrations

APPROVED

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



#58

Ethyl Benzene

Concen: 10.670 ppbv

RT: 9.364 min Scan# 2866

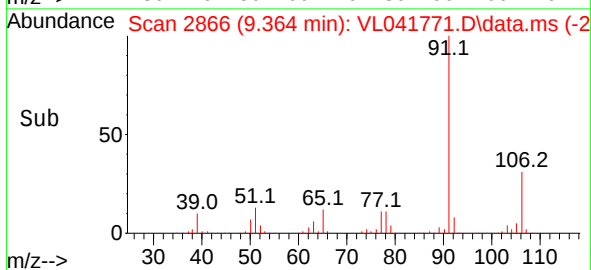
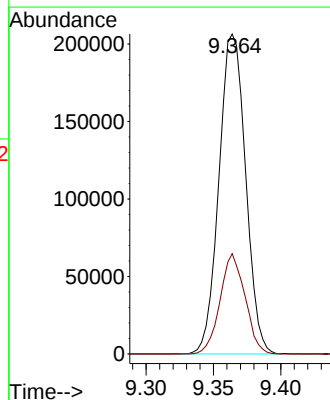
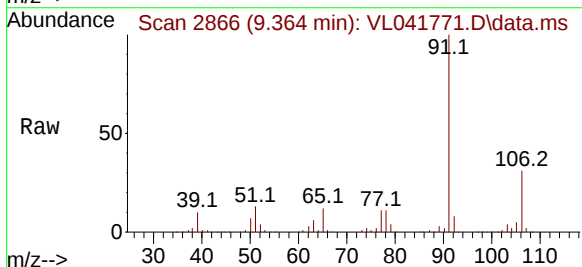
Delta R.T. 0.009 min

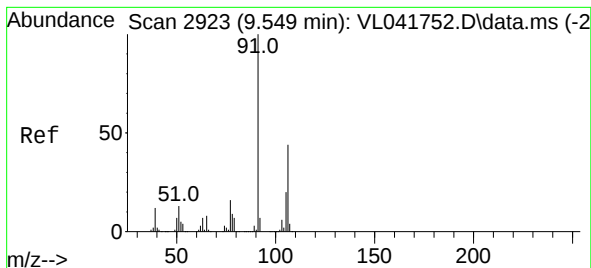
Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Tgt Ion: 91 Resp: 284336

Ion	Ratio	Lower	Upper
91	100		
106	31.4	23.5	35.3





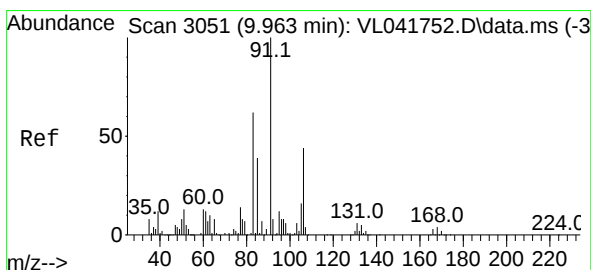
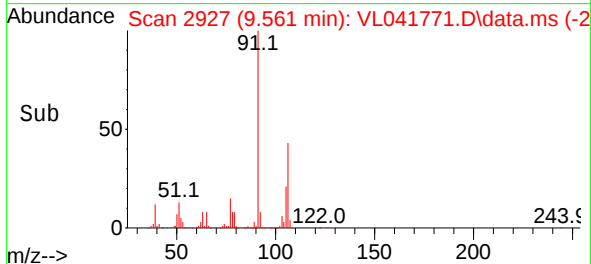
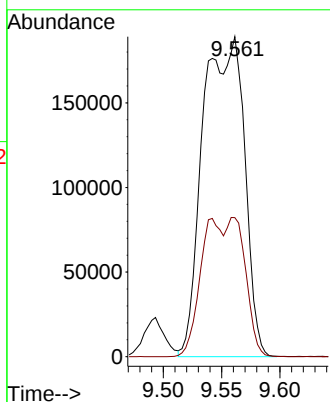
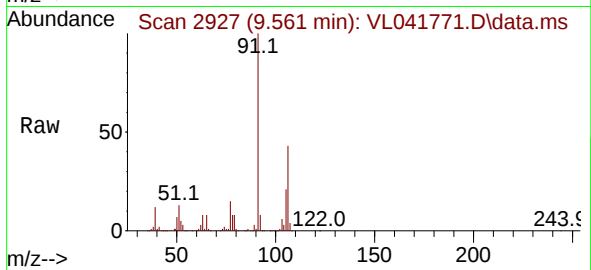
#59
m/p-Xylene
Concen: 21.800 ppbv m
RT: 9.561 min Scan# 2927
Delta R.T. 0.013 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 467110
Ion Ratio Lower Upper
91 100
106 44.7 0.0 0.0

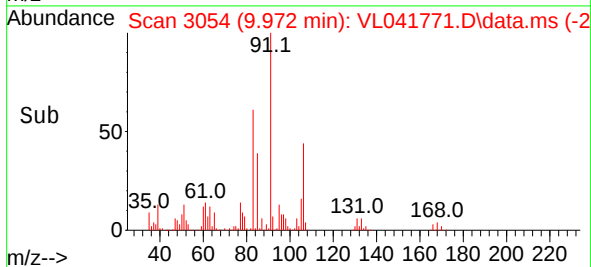
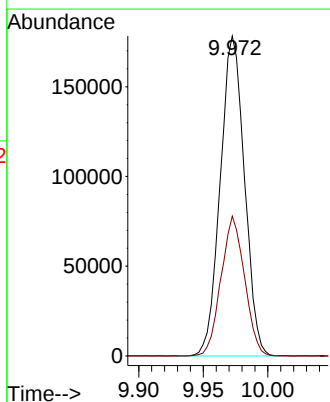
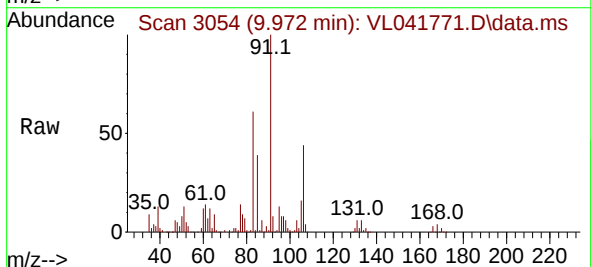
Manual Integrations
APPROVED

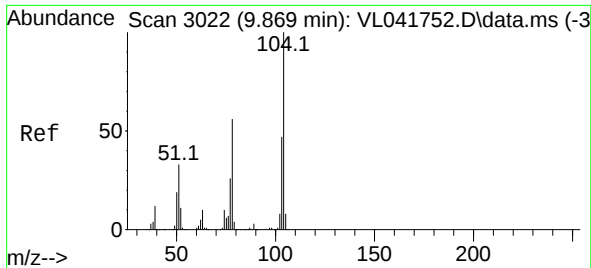
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#60
o-Xylene
Concen: 10.798 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.009 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

Tgt Ion: 91 Resp: 232011
Ion Ratio Lower Upper
91 100
106 42.5 21.1 63.4





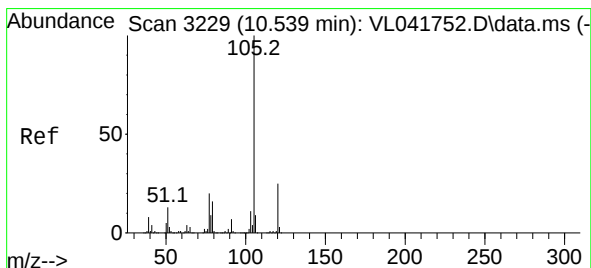
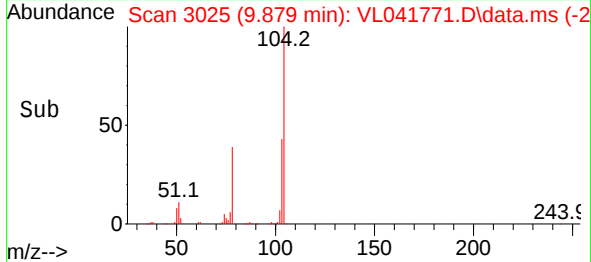
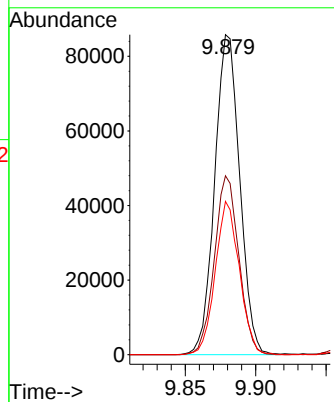
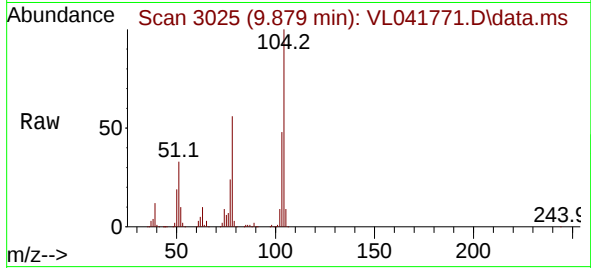
#61
Styrene
Concen: 11.448 ppbv
RT: 9.879 min Scan# 3022
Delta R.T. 0.009 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 10636
Ion Ratio Lower Upper
104 100
78 54.6 43.8 65.6
103 46.1 37.8 56.6

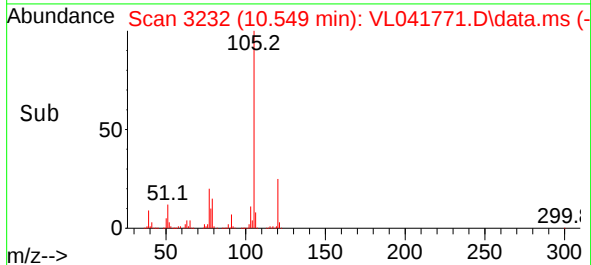
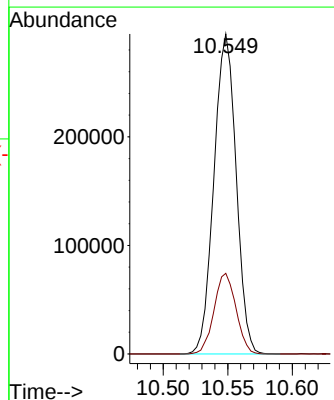
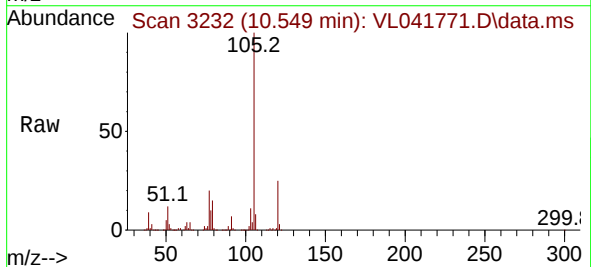
Manual Integrations
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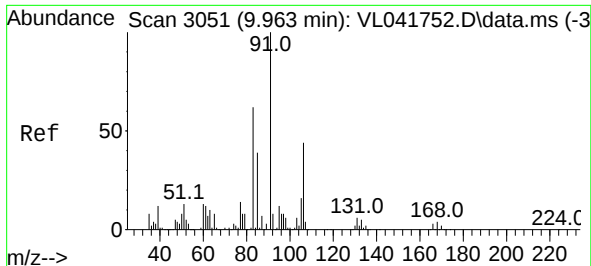
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#62
Isopropylbenzene
Concen: 10.897 ppbv
RT: 10.549 min Scan# 3232
Delta R.T. 0.009 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

Tgt Ion:105 Resp: 351803
Ion Ratio Lower Upper
105 100
120 24.9 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 10.546 ppbv

RT: 9.972 min Scan# 3051

Delta R.T. 0.009 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 14183

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.7

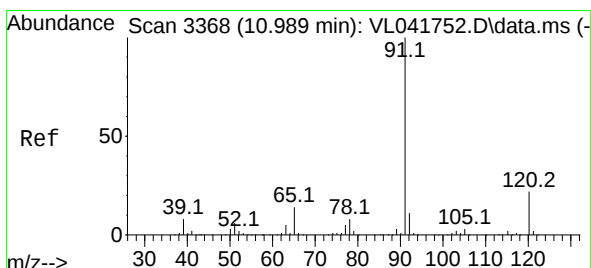
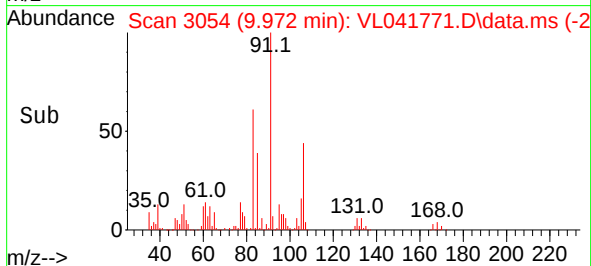
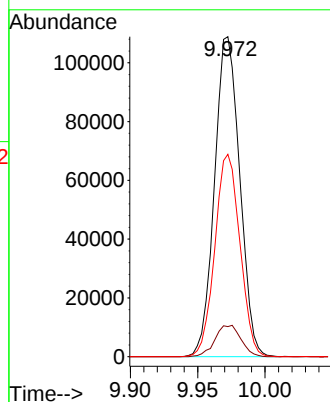
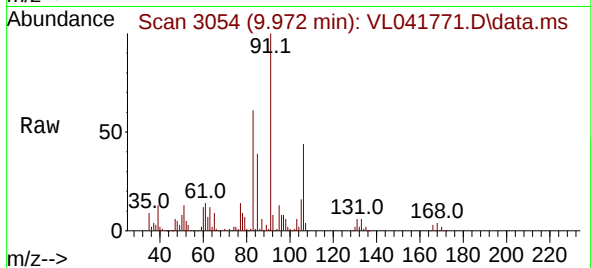
85 62.9 32.0 96.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#64

n-propylbenzene

Concen: 11.067 ppbv

RT: 10.998 min Scan# 3371

Delta R.T. 0.009 min

Lab File: VL041771.D

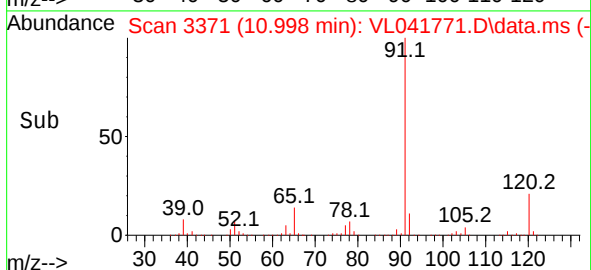
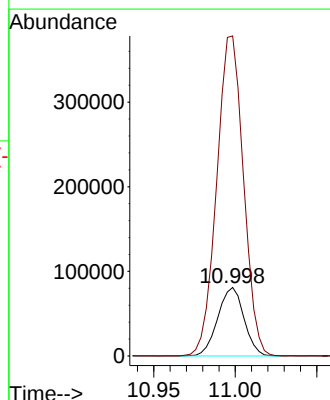
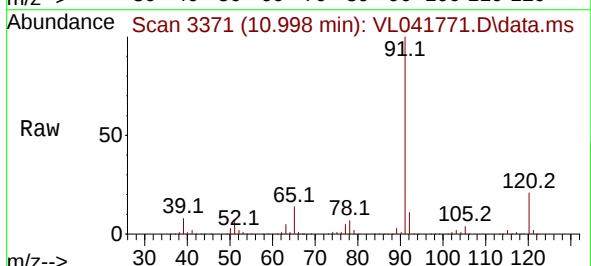
Acq: 17 Dec 2024 09:49

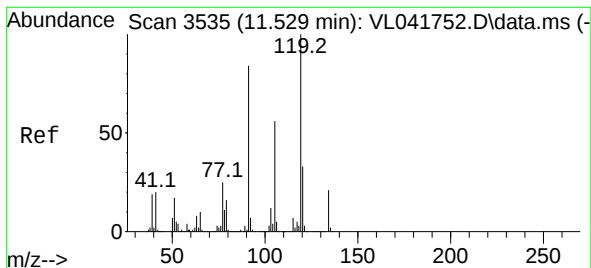
Tgt Ion:120 Resp: 90334

Ion Ratio Lower Upper

120 100

91 478.8 387.3 580.9





#65

tert-Butylbenzene

Concen: 10.752 ppbv

RT: 11.539 min Scan# 3535

Delta R.T. 0.009 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

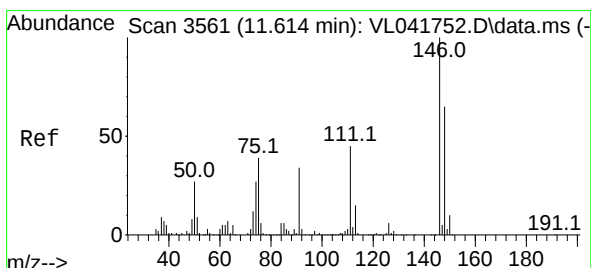
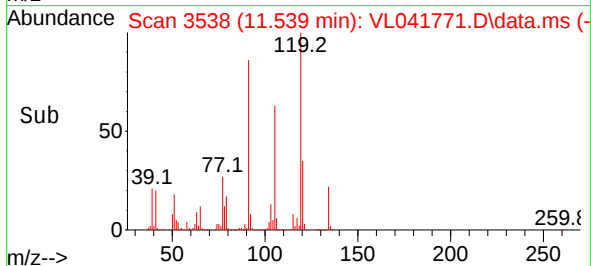
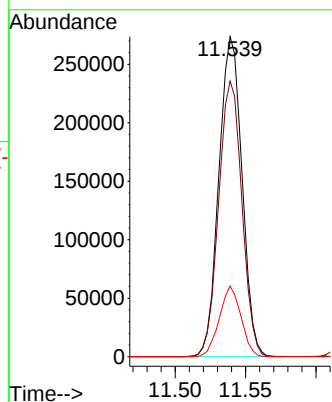
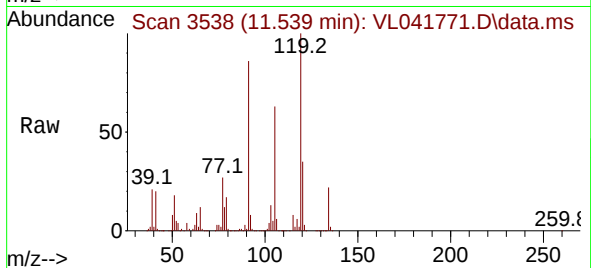
Tgt Ion: 119 Resp: 31315

Ion	Ratio	Lower	Upper
119	100		
91	86.7	67.0	100.4
134	20.6	16.5	24.7

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



#66

Benzyl Chloride

Concen: 9.673 ppbv

RT: 11.623 min Scan# 3564

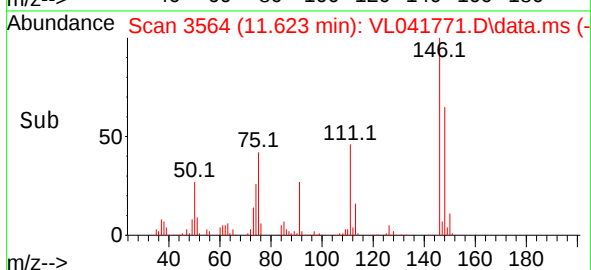
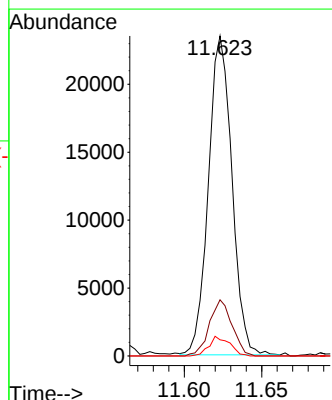
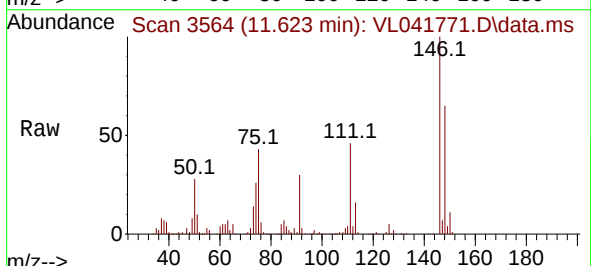
Delta R.T. 0.009 min

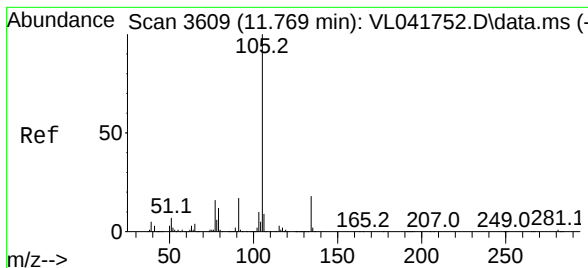
Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Tgt Ion: 91 Resp: 24817

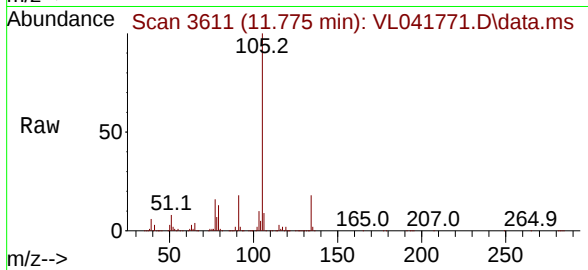
Ion	Ratio	Lower	Upper
91	100		
126	16.9	13.9	20.9
128	5.4	4.4	6.6





#67
 sec-Butylbenzene
 Concen: 11.033 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.006 min
 Lab File: VL041771.D
 Acq: 17 Dec 2024 09:49

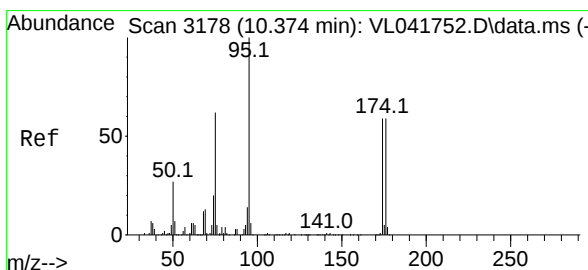
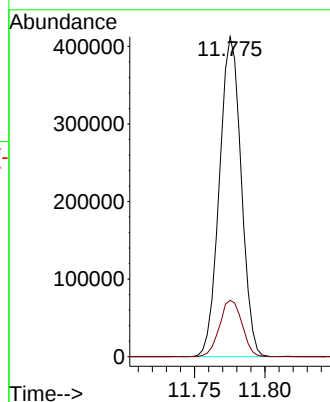
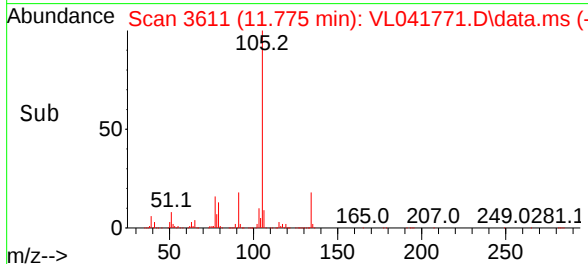
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



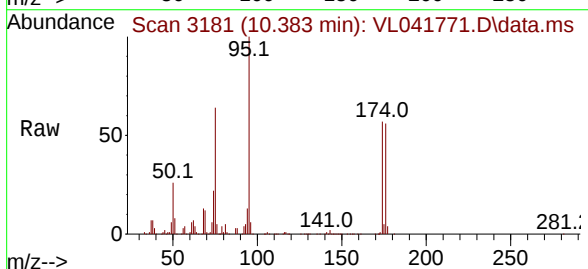
Tgt Ion:105 Resp: 444694
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.5 21.7

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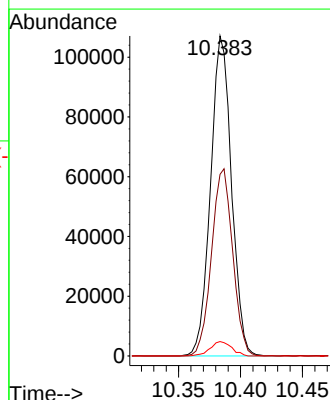
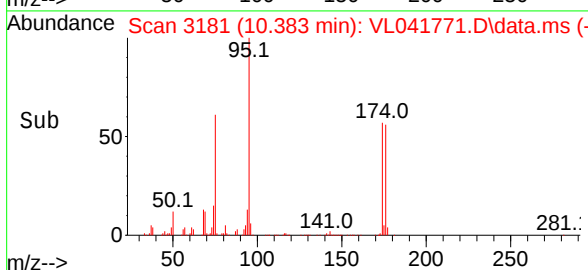
Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

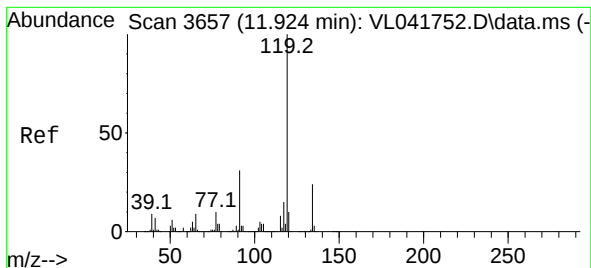


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.224 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.009 min
 Lab File: VL041771.D
 Acq: 17 Dec 2024 09:49



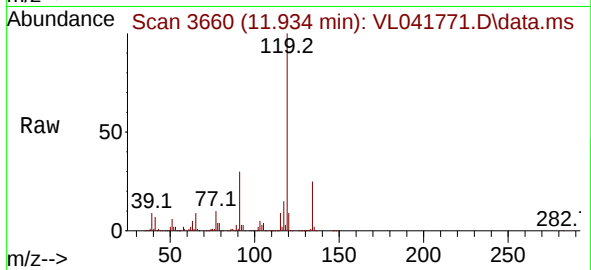
Tgt Ion: 95 Resp: 126112
 Ion Ratio Lower Upper
 95 100
 174 59.2 47.6 71.4
 175 4.6 3.7 5.5





#69
p-Isopropyltoluene
Concen: 11.115 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.009 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

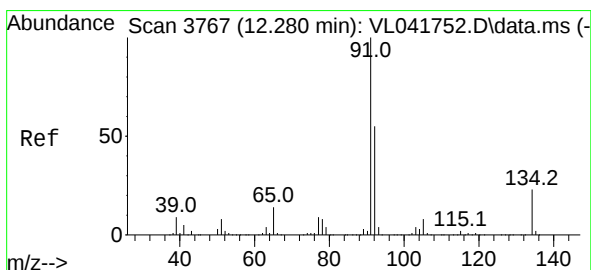
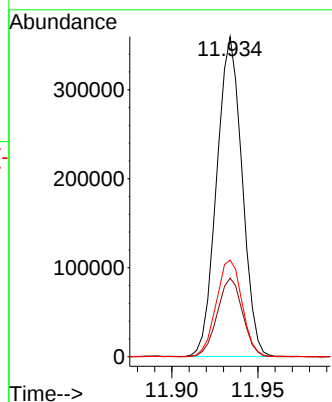
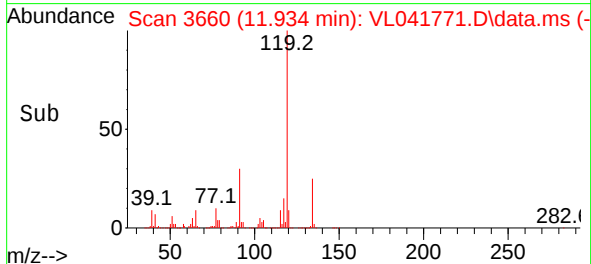
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



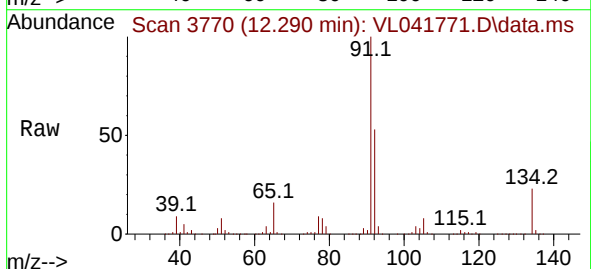
Tgt Ion:119 Resp: 369199
Ion Ratio Lower Upper
119 100
134 24.5 19.6 29.4
91 30.9 24.4 36.6

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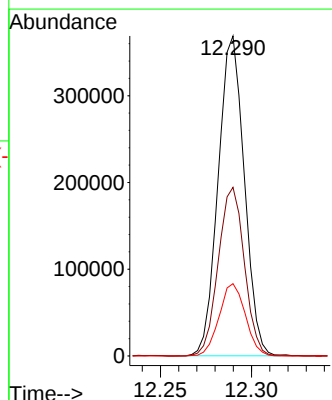
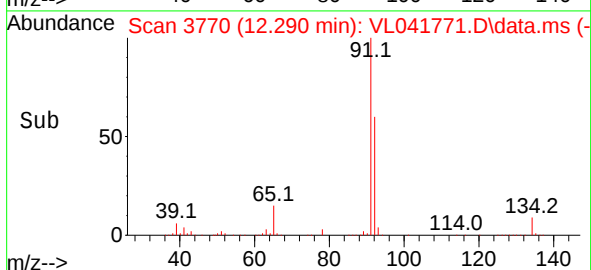
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

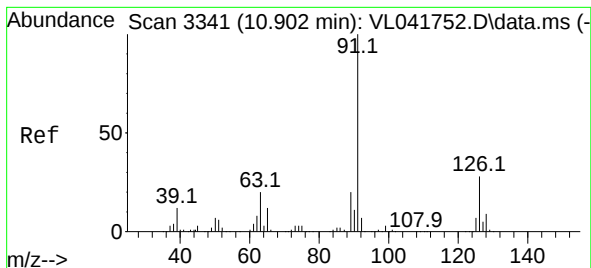


#70
n-Butylbenzene
Concen: 11.444 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. 0.009 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49



Tgt Ion: 91 Resp: 367292
Ion Ratio Lower Upper
91 100
92 52.9 43.2 64.8
134 22.8 18.2 27.4





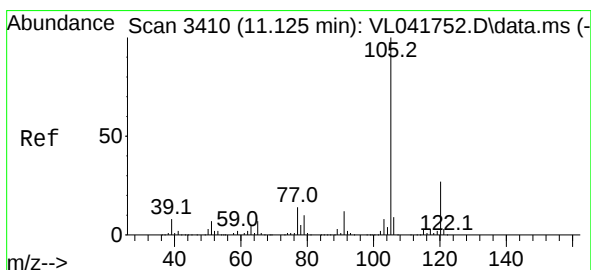
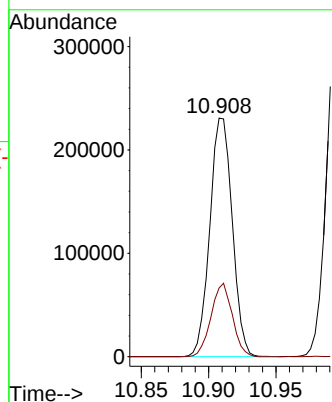
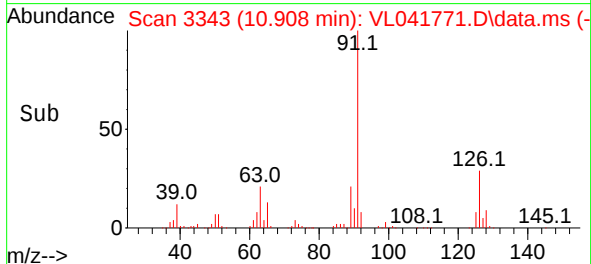
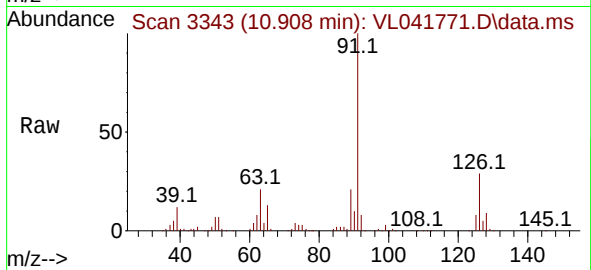
#71
2-Chlorotoluene
Concen: 10.876 ppbv
RT: 10.908 min Scan# 3413
Delta R.T. 0.006 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 26799
Ion Ratio Lower Upper
91 100
126 29.1 11.6 46.4

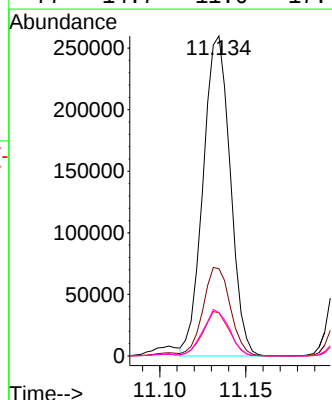
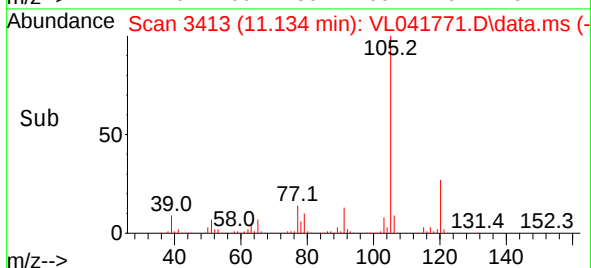
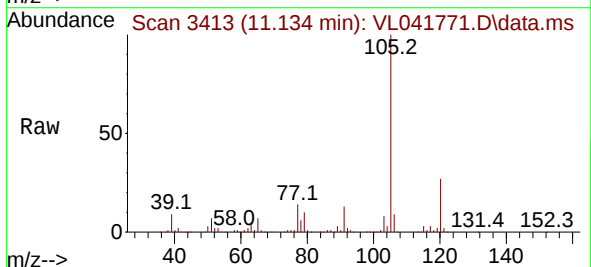
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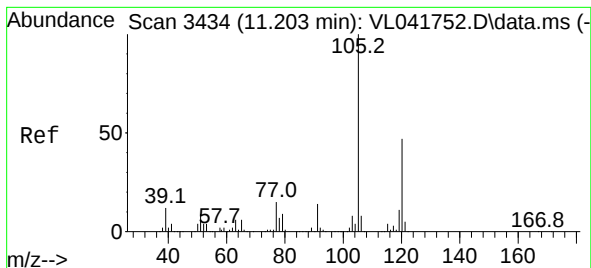
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#72
4-Ethyltoluene
Concen: 11.239 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. 0.009 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

Tgt Ion:105 Resp: 285054
Ion Ratio Lower Upper
105 100
120 28.7 23.3 34.9
91 14.2 10.9 16.3
77 14.7 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 11.579 ppbv

RT: 11.212 min Scan# 3434

Delta R.T. 0.009 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 243649

Ion Ratio Lower Upper

105 100

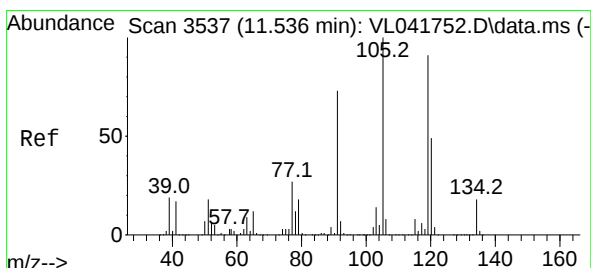
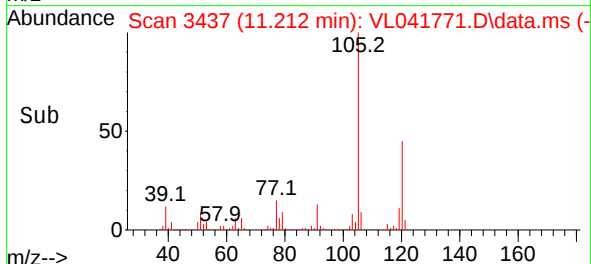
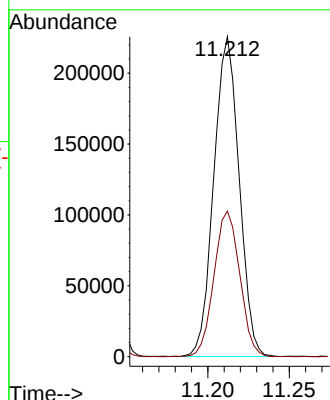
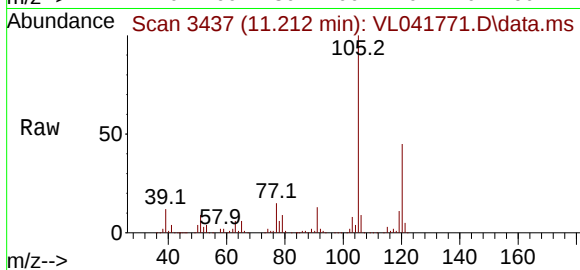
120 45.5 37.4 56.2

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Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#74

1,2,4-Trimethylbenzene

Concen: 11.493 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.009 min

Lab File: VL041771.D

Acq: 17 Dec 2024 09:49

Tgt Ion:105 Resp: 260072

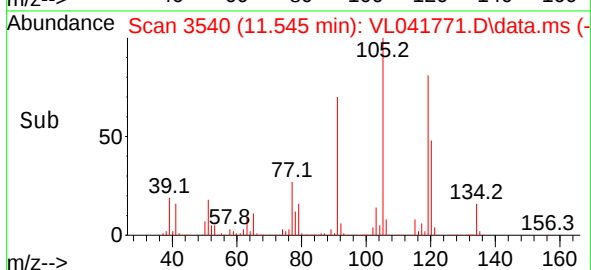
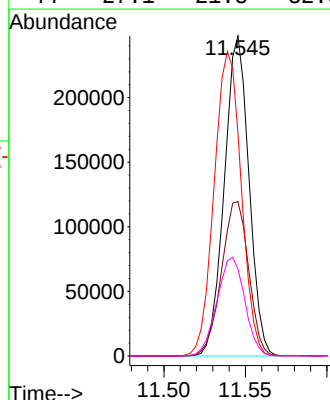
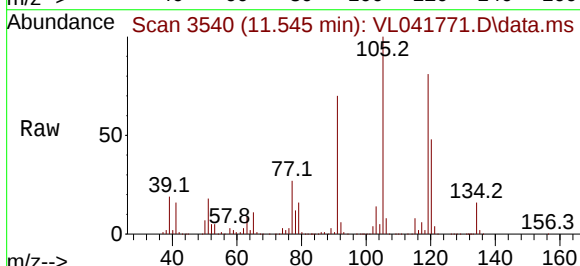
Ion Ratio Lower Upper

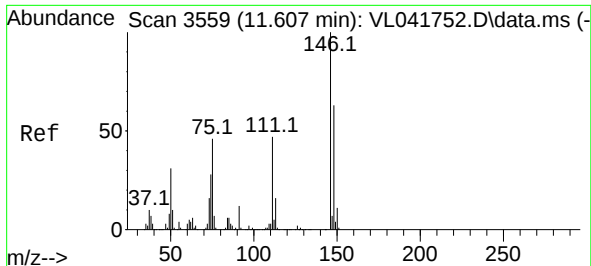
105 100

120 48.3 39.0 58.4

91 69.6 58.1 87.1

77 27.1 21.8 32.8





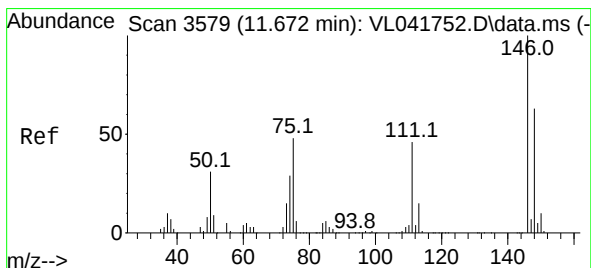
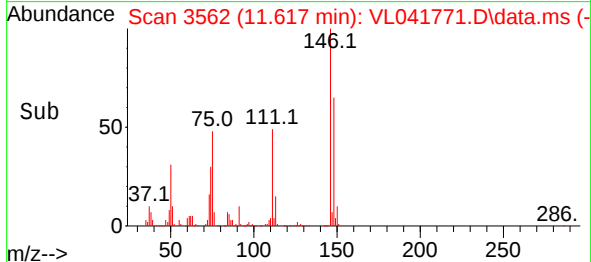
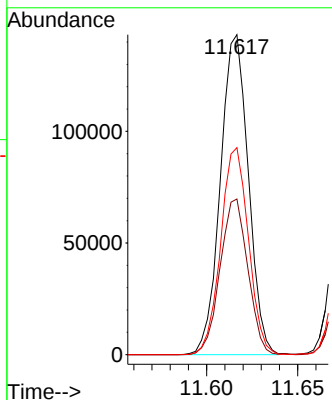
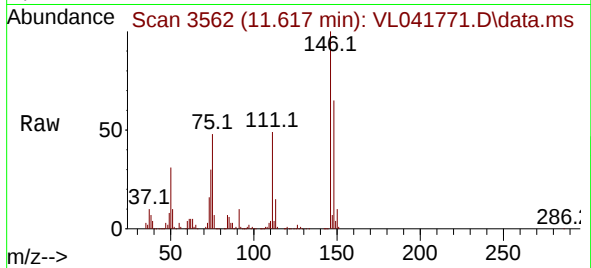
#75
1,3-Dichlorobenzene
Concen: 10.599 ppbv
RT: 11.617 min Scan# 3559
Delta R.T. 0.009 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 15291
Ion Ratio Lower Upper
146 100
111 48.3 23.4 70.3
148 64.2 31.6 95.0

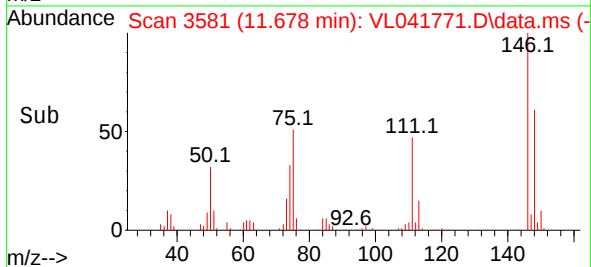
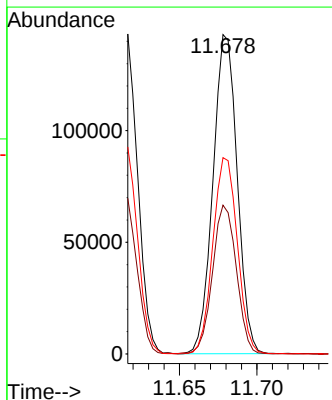
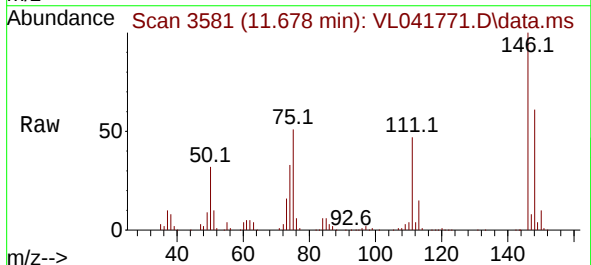
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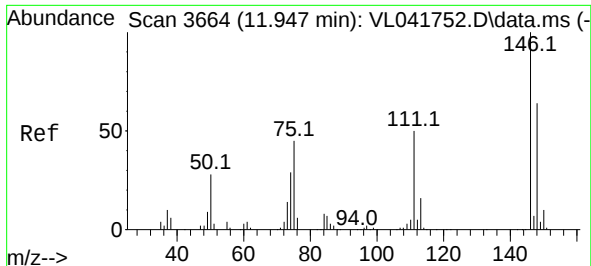
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#76
1,4-Dichlorobenzene
Concen: 10.934 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. 0.006 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

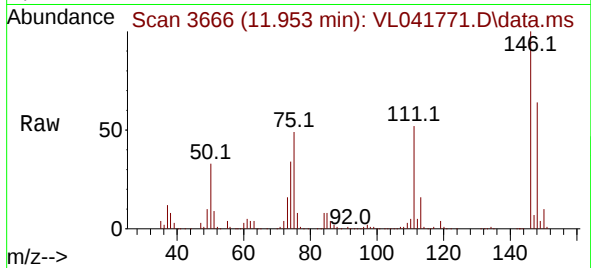
Tgt Ion:146 Resp: 155829
Ion Ratio Lower Upper
146 100
111 46.0 22.7 68.1
148 62.2 31.4 94.0





#77
1,2-Dichlorobenzene
Concen: 10.417 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.006 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

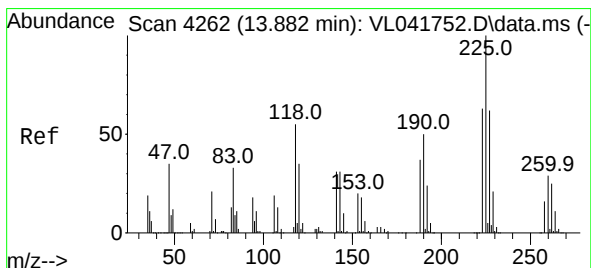
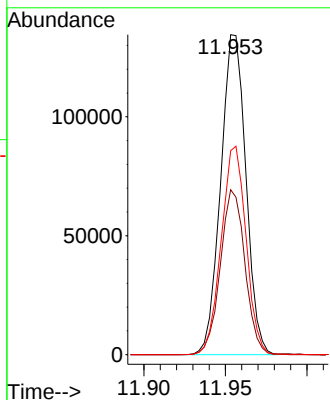
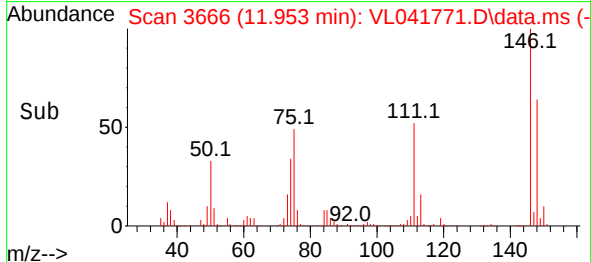
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



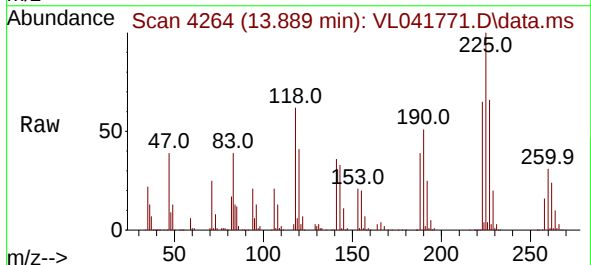
Tgt Ion:146 Resp: 144600
Ion Ratio Lower Upper
146 100
111 50.3 24.8 74.3
148 64.2 31.8 95.4

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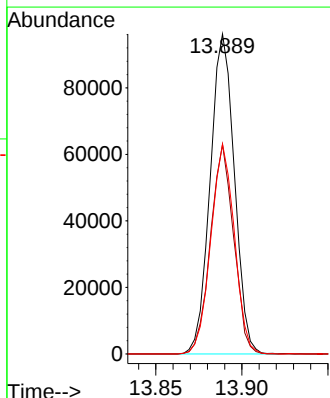
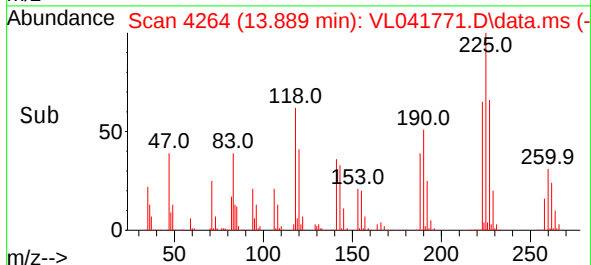
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

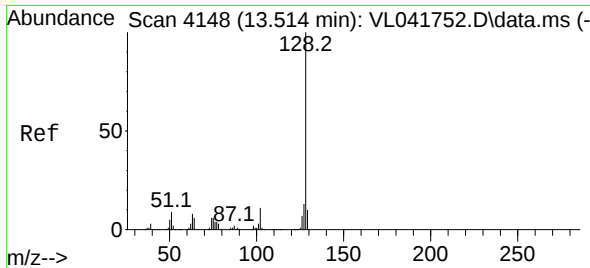


#78
Hexachloro-1,3-Butadiene
Concen: 9.139 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. 0.006 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49



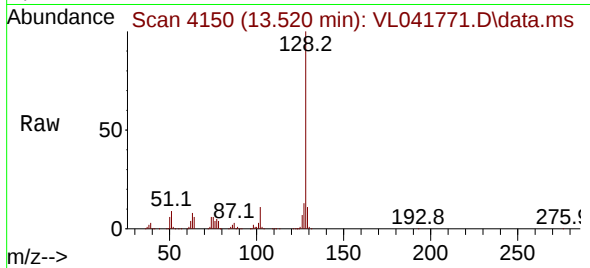
Tgt Ion:225 Resp: 94068
Ion Ratio Lower Upper
225 100
223 62.8 50.5 75.7
227 63.9 50.3 75.5





#79
Naphthalene
Concen: 12.919 ppbv
RT: 13.520 min Scan# 4148
Delta R.T. 0.006 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49

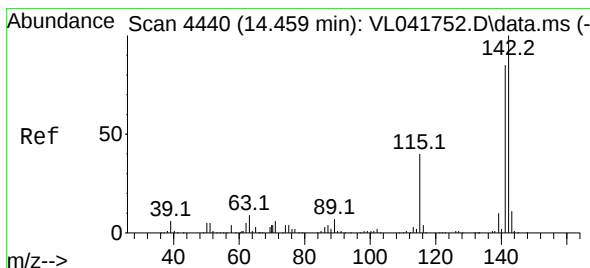
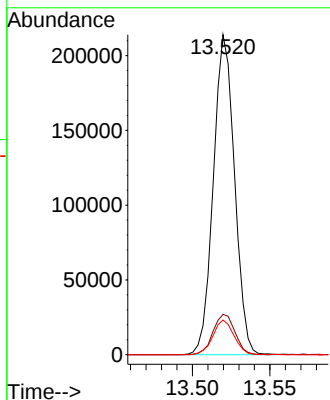
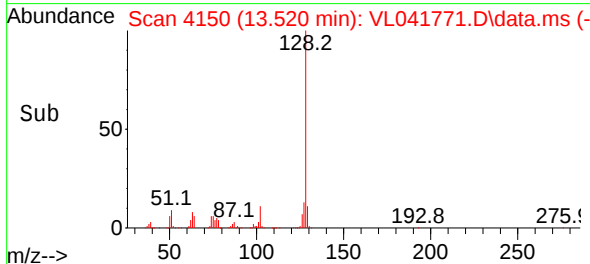
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



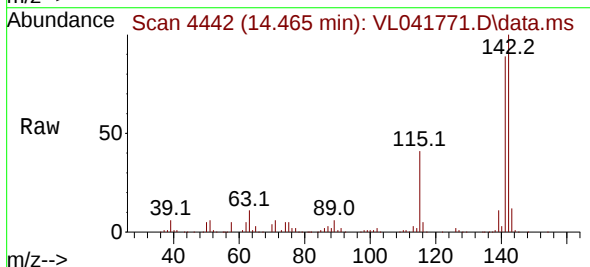
Tgt Ion:128 Resp: 203690
Ion Ratio Lower Upper
128 100
127 12.6 10.7 16.1
129 10.9 8.2 12.4

Manual Integrations
APPROVED

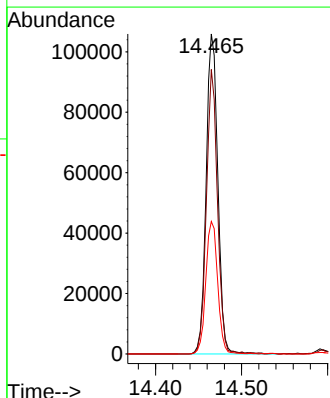
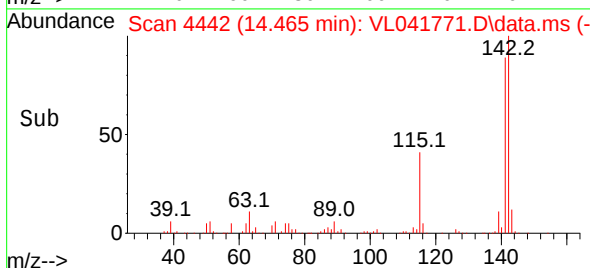
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

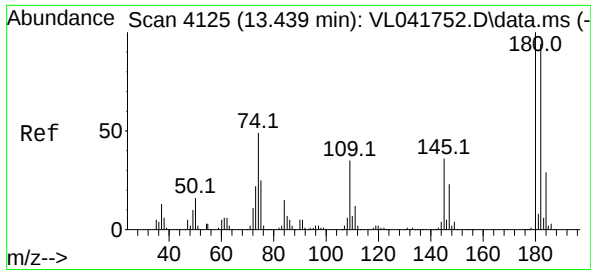


#80
Naphthalene,2-methyl-
Concen: 20.423 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. 0.006 min
Lab File: VL041771.D
Acq: 17 Dec 2024 09:49



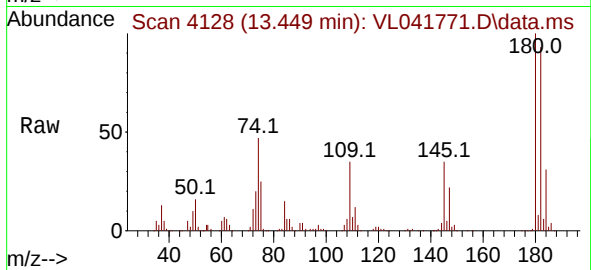
Tgt Ion:142 Resp: 99597
Ion Ratio Lower Upper
142 100
141 84.7 68.4 102.6
115 42.3 32.5 48.7





#81
 1,2,4-Trichlorobenzene
 Concen: 11.277 ppbv
 RT: 13.449 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: VL041771.D
 Acq: 17 Dec 2024 09:49

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 97162
 Ion Ratio Lower Upper
 180 100
 182 94.4 77.0 115.6
 184 30.1 23.8 35.8

Manual Integrations
 APPROVED

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

