

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041795.D
 Acq On : 18 Dec 2024 16:06
 Operator : SY/MD
 Sample : VL1218ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1218ABS01

Quant Time: Dec 19 07:55:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/19/2024
 Supervised By : Mahesh Dadoda 12/19/2024

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

Internal Standards						
1) Bromochloromethane	2.797	49	72600	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.972	114	183255	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.898	117	159496	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	143879	10.825	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 108.300%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.502	85	112657	8.721	ppbv	99
3) Chlorodifluoromethane	1.479	51	102210	8.633	ppbv	97
4) Chloromethane	1.538	50	46901	9.279	ppbv	100
5) Vinyl Chloride	1.583	62	44104	8.661	ppbv	98
6) Bromomethane	1.674	94	21119	8.788	ppbv	99
7) Chloroethane	1.709	64	18047	9.123	ppbv	98
8) Dichlorotetrafluoroethane	1.557	85	110410	9.549	ppbv	93
9) Propene	1.486	41	35133	6.846	ppbv	98
10) Heptane	5.001	43	106572	8.085	ppbv	100
11) Trichlorofluoromethane	1.884	101	132171	9.632	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.146	101	96243	9.222	ppbv	95
13) Ethanol	1.725	45	2865	6.742	ppbv	98
14) Bromoethene	1.787	108	30065	8.533	ppbv	96
15) Acetone	1.842	43	110277	7.807	ppbv	97
16) 1,3-Butadiene	1.612	39	52562	9.450	ppbv	92
17) tert-Butyl alcohol	2.046	59	122872	8.768	ppbv	100
18) 1,1-Dichloroethene	2.039	96	38415	8.780	ppbv	80
19) Isopropyl Alcohol	1.890	45	59665	7.039	ppbv #	37
20) Methylene Chloride	2.068	84	35310	8.766	ppbv	94
21) Allyl Chloride	2.104	41	68525	8.945	ppbv	95
22) trans-1,2-Dichloroethene	2.350	96	42821	8.550	ppbv	98
23) Vinyl Acetate	2.470	43	43463	6.627	ppbv	97
24) 1,1-Dichloroethane	2.418	63	92680	9.142	ppbv	99
25) Ethyl Acetate	2.845	43	223419	8.502	ppbv	99
26) Hexane	2.835	57	81413	8.164	ppbv	93
27) Carbon Disulfide	2.159	76	76433	8.505	ppbv	94
28) Methyl tert-Butyl Ether	2.447	73	64037	7.915	ppbv	99
29) Chloroform	2.858	83	139818	9.200	ppbv	99
30) Cyclohexane	3.871	84	66237	7.806	ppbv	98
31) cis-1,2-Dichloroethene	2.732	61	82779	8.033	ppbv	99
32) 1,1,1-Trichloroethane	3.379	97	136055	8.807	ppbv	98
34) 2-Butanone	2.564	43	125687	8.525	ppbv	100
35) Carbon Tetrachloride	3.777	117	141202	10.854	ppbv	97
36) Benzene	3.667	78	164423	8.674	ppbv	98
37) 1,2-Dichloroethane	3.230	62	113600	9.631	ppbv	99
38) Trichloroethene	4.564	130	63280	7.864	ppbv	93
39) 1,2-Dichloropropane	4.331	63	58553	8.541	ppbv	92
40) 1,4-Dioxane	4.599	88	28884	8.624	ppbv #	92
41) Tetrahydrofuran	3.065	42	67017	8.114	ppbv	99
42) Bromodichloromethane	4.509	83	133513	9.839	ppbv	95
43) Methyl Methacrylate	4.897	69	61014	8.448	ppbv	99
44) 2,2,4-Trimethylpentane	4.658	57	284140	8.777	ppbv	96
45) t-1,3-Dichloropropene	6.438	75	58865	7.879	ppbv	99

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 ClientSampleId :
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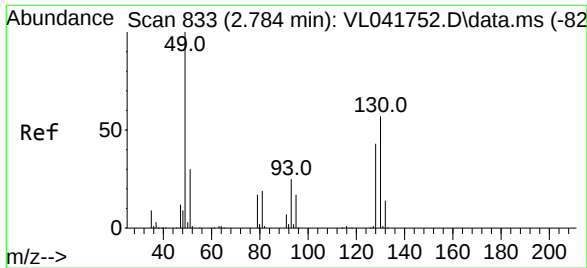
Quant Time: Dec 19 07:55:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Dec 19 07:32:09 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.625	75	74198	7.824	ppbv	89
47) 1,1,2-Trichloroethane	6.603	97	64954	9.071	ppbv	93
48) Dibromochloromethane	7.406	129	96996	9.920	ppbv	99
49) Bromoform	9.500	173	80840	10.100	ppbv	99
50) 4-Methyl-2-Pentanone	5.774	43	175817	8.759	ppbv	99
51) 2-Hexanone	7.457	43	142403	8.752	ppbv #	96
52) Tetrachloroethene	8.244	164	54531	7.729	ppbv	93
53) Toluene	6.952	91	177625	8.265	ppbv	99
54) 1,2-Dibromoethane	7.671	107	90389	9.161	ppbv	92
56) 1,1,1,2-Tetrachloroethane	8.943	131	86262	10.202	ppbv	100
57) Chlorobenzene	8.937	112	153659	9.415	ppbv	99
58) Ethyl Benzene	9.370	91	267795	9.326	ppbv	98
59) m/p-Xylene	9.564	91	455916m	19.747	ppbv	
60) o-Xylene	9.975	91	229919	9.930	ppbv	100
61) Styrene	9.885	104	95536	9.543	ppbv	100
62) Isopropylbenzene	10.552	105	339599	9.762	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.975	83	142272	9.817	ppbv	100
64) n-propylbenzene	11.002	120	86896	9.880	ppbv	97
65) tert-Butylbenzene	11.542	119	307835	9.808	ppbv	97
66) Benzyl Chloride	11.626	91	21939	7.936	ppbv	97
67) sec-Butylbenzene	11.778	105	441578	10.167	ppbv	99
69) p-Isopropyltoluene	11.937	119	366111	10.229	ppbv	99
70) n-Butylbenzene	12.293	91	366451	10.597	ppbv	98
71) 2-Chlorotoluene	10.914	91	255490	9.622	ppbv	99
72) 4-Ethyltoluene	11.137	105	277025	10.137	ppbv	99
73) 1,3,5-Trimethylbenzene	11.215	105	240648	10.613	ppbv	100
74) 1,2,4-Trimethylbenzene	11.548	105	260378	10.679	ppbv	96
75) 1,3-Dichlorobenzene	11.620	146	152493	9.809	ppbv	98
76) 1,4-Dichlorobenzene	11.684	146	152432	9.926	ppbv	97
77) 1,2-Dichlorobenzene	11.960	146	148412	9.922	ppbv	99
78) Hexachloro-1,3-Butadiene	13.892	225	88582	7.987	ppbv	100
79) Naphthalene	13.523	128	189506	11.154	ppbv	99
80) Naphthalene,2-methyl-	14.468	142	82155	15.634	ppbv	96
81) 1,2,4-Trichlorobenzene	13.452	180	89052	9.592	ppbv	99

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



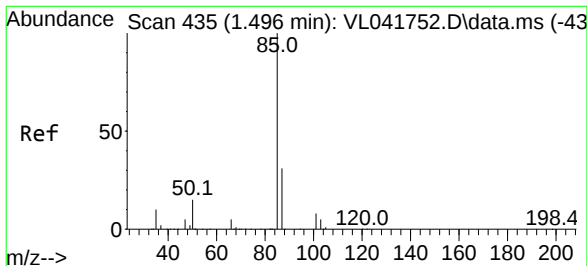
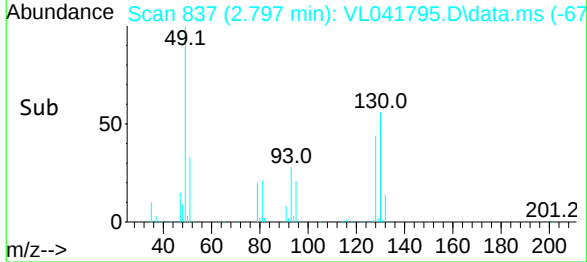
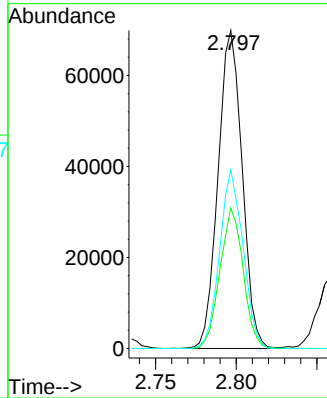
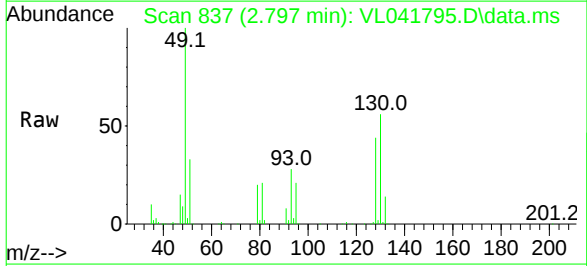
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 833
Delta R.T. 0.013 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

Tgt Ion:	49	128	130
Ratio	100	42.5	54.6
Lower		21.6	28.3
Upper		64.6	85.0

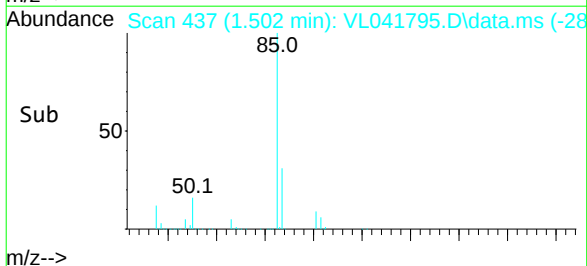
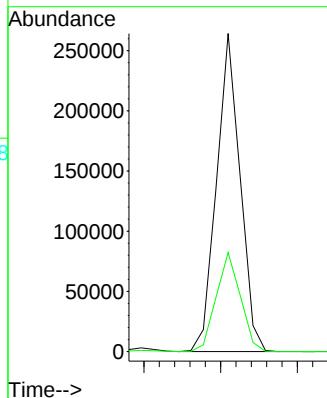
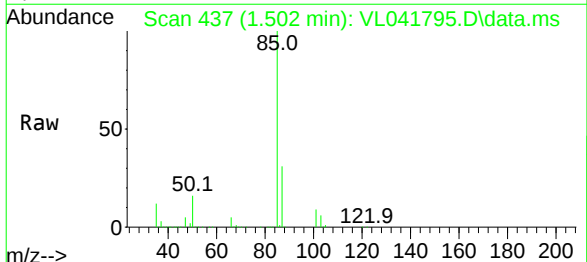
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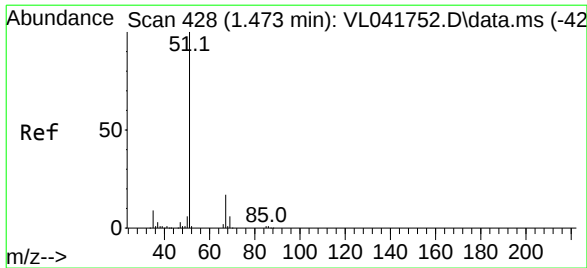
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#2
Dichlorodifluoromethane
Concen: 8.721 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.006 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion:	85	87
Ratio	100	31.1
Lower		24.5
Upper		36.7





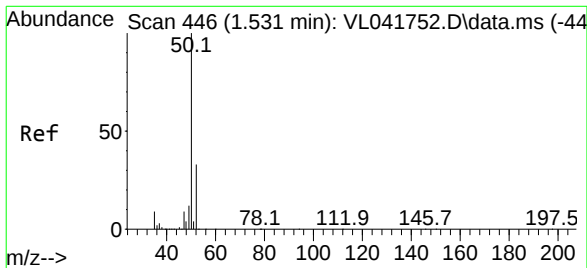
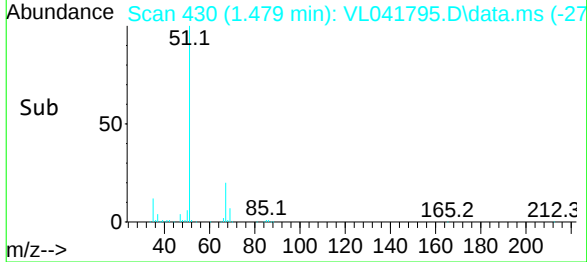
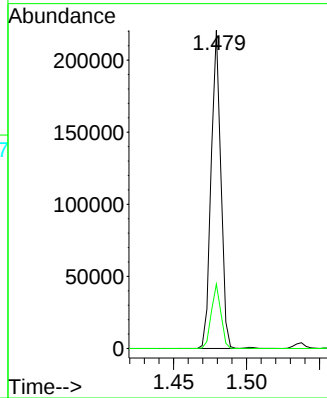
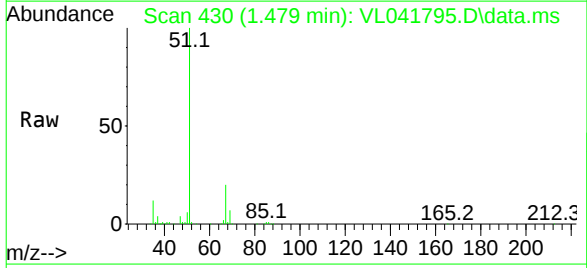
#3
Chlorodifluoromethane
Concen: 8.633 ppbv
RT: 1.479 min Scan# 431
Delta R.T. 0.006 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

Tgt Ion: 51 Resp: 102210
Ion Ratio Lower Upper
51 100
67 19.9 15.0 22.4

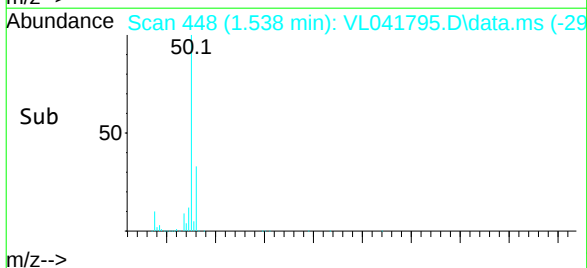
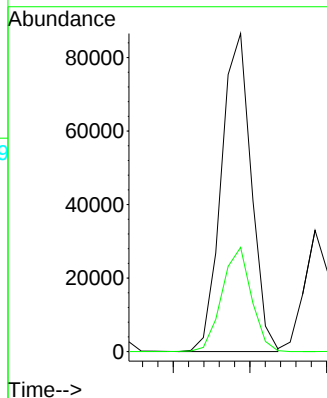
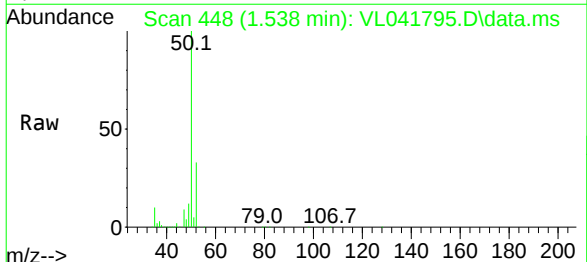
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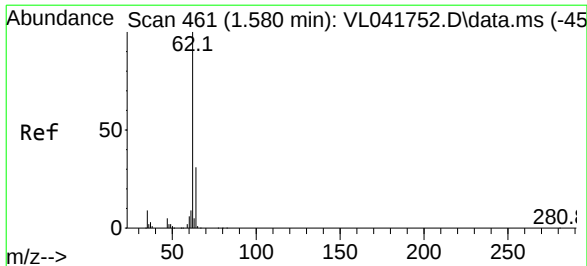
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Supervised By :Mahesh Dadoda 12/19/2024



#4
Chloromethane
Concen: 9.279 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.006 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

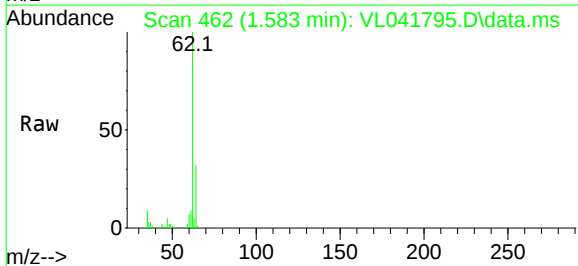
Tgt Ion: 50 Resp: 46901
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2





#5
 Vinyl Chloride
 Concen: 8.661 ppbv
 RT: 1.583 min Scan# 461
 Delta R.T. 0.003 min
 Lab File: VL041795.D
 Acq: 18 Dec 2024 16:06

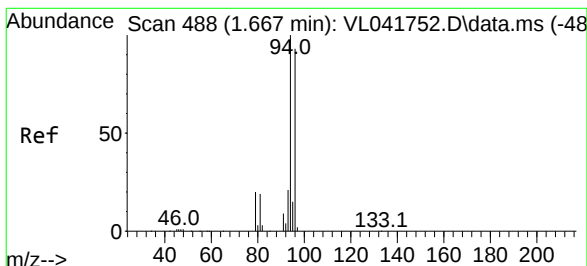
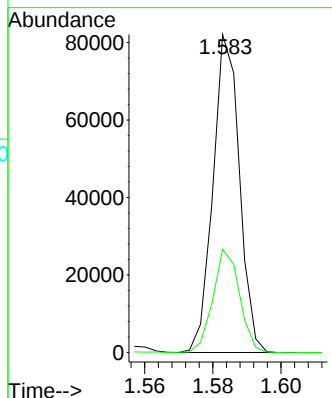
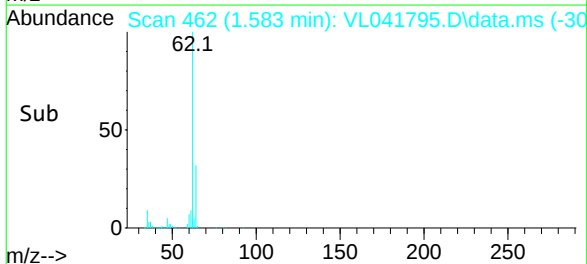
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1218ABS01



Tgt Ion: 62 Resp: 44104
 Ion Ratio Lower Upper
 62 100
 64 32.5 25.1 37.7

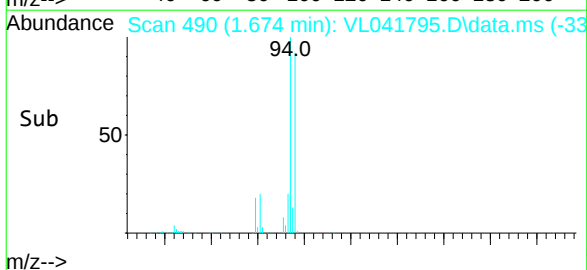
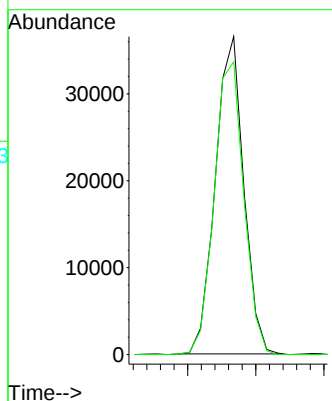
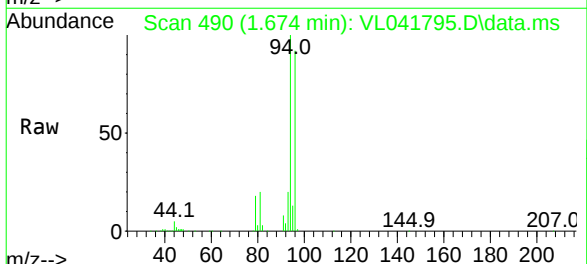
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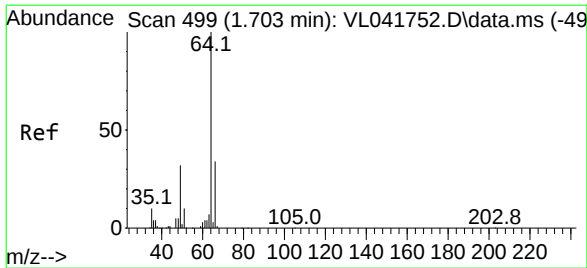
Reviewed By :Semsettin Yesilyurt 12/19/2024
 Supervised By :Mahesh Dadoda 12/19/2024



#6
 Bromomethane
 Concen: 8.788 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.006 min
 Lab File: VL041795.D
 Acq: 18 Dec 2024 16:06

Tgt Ion: 94 Resp: 21119
 Ion Ratio Lower Upper
 94 100
 96 92.2 74.7 112.1





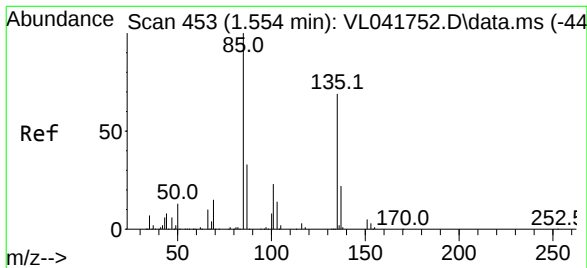
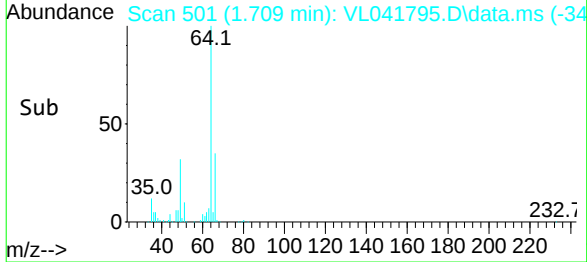
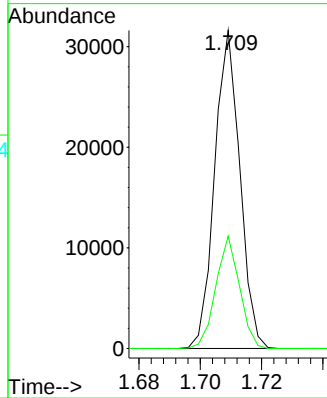
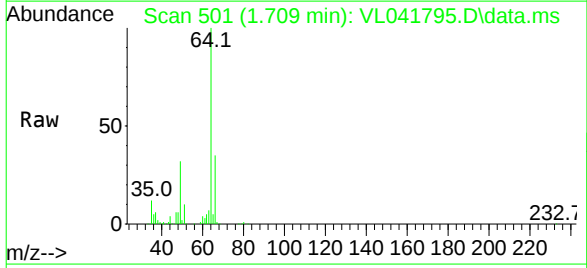
#7
Chloroethane
Concen: 9.123 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.006 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

Tgt Ion: 64 Resp: 18047
Ion Ratio Lower Upper
64 100
66 35.4 27.5 41.3

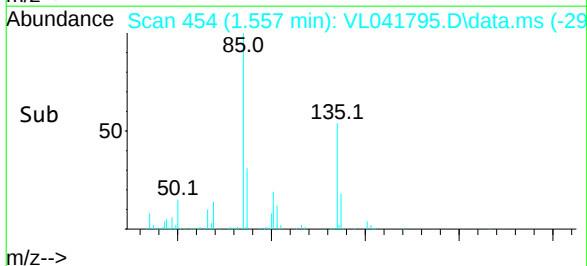
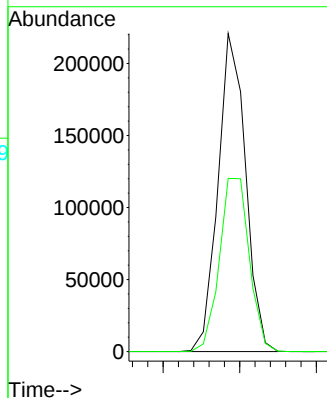
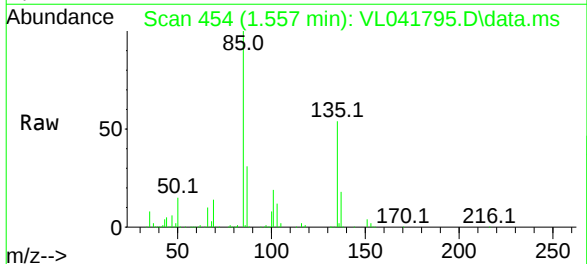
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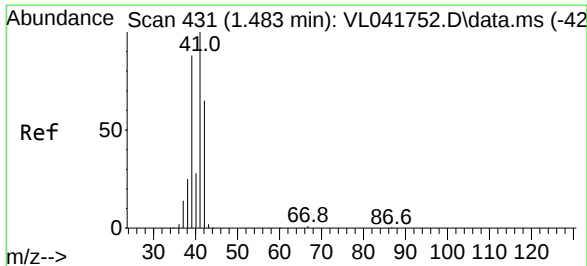
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#8
Dichlorotetrafluoroethane
Concen: 9.549 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion: 85 Resp: 110410
Ion Ratio Lower Upper
85 100
135 59.3 51.9 77.9





#9

Propene

Concen: 6.846 ppbv

RT: 1.486 min Scan# 431

Delta R.T. 0.003 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_L

ClientSampleId :

VL1218ABS01

Tgt Ion: 41 Resp: 35133

Ion Ratio Lower Upper

41 100

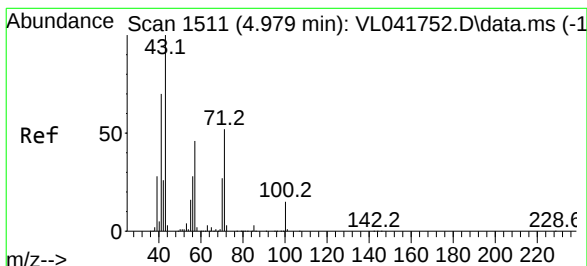
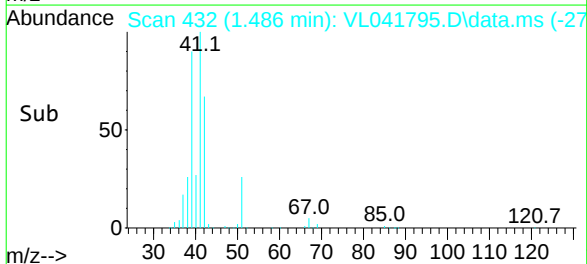
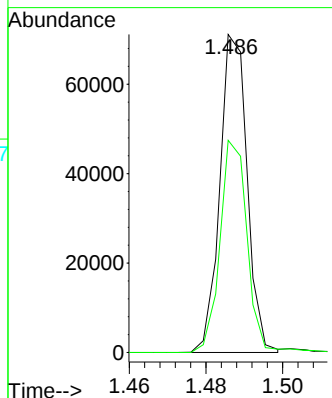
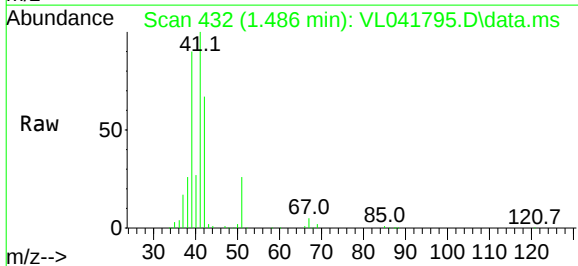
42 67.4 52.4 78.6

Manual Integrations

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Supervised By :Mahesh Dadoda 12/19/2024



#10

Heptane

Concen: 8.085 ppbv

RT: 5.001 min Scan# 1518

Delta R.T. 0.022 min

Lab File: VL041795.D

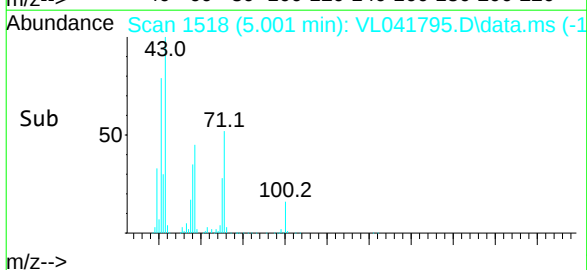
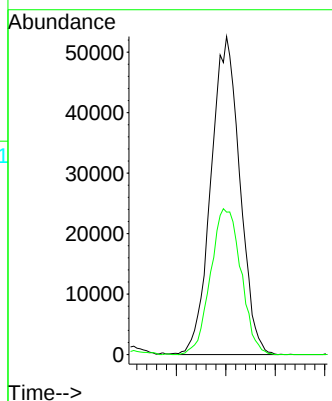
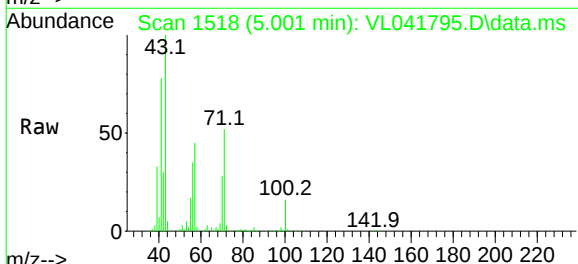
Acq: 18 Dec 2024 16:06

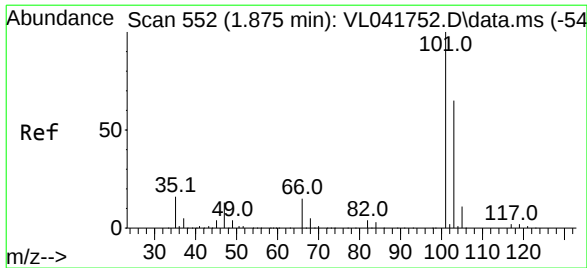
Tgt Ion: 43 Resp: 106572

Ion Ratio Lower Upper

43 100

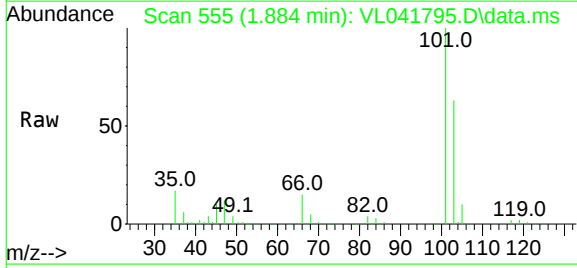
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#11
Trichlorofluoromethane
Concen: 9.632 ppbv
RT: 1.884 min Scan# 551
Delta R.T. 0.009 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

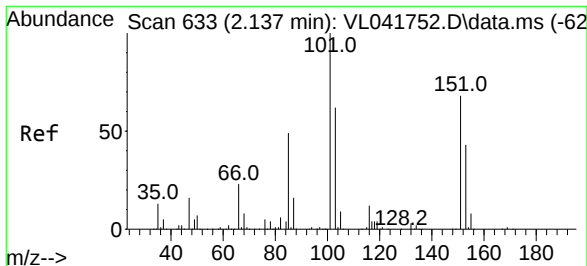
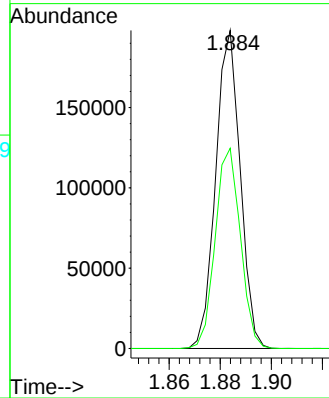
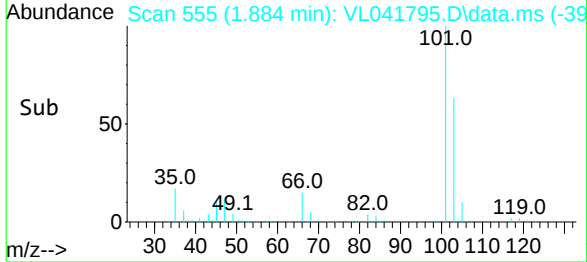
Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01



Tgt Ion:101 Resp: 132171
Ion Ratio Lower Upper
101 100
103 62.9 51.8 77.8

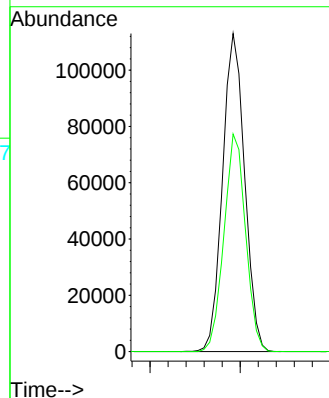
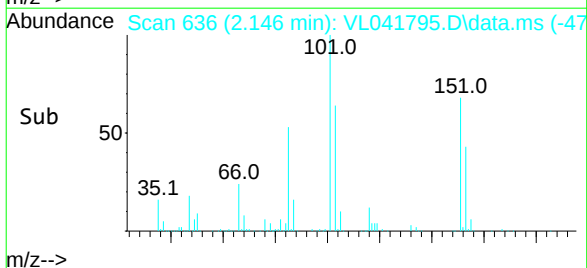
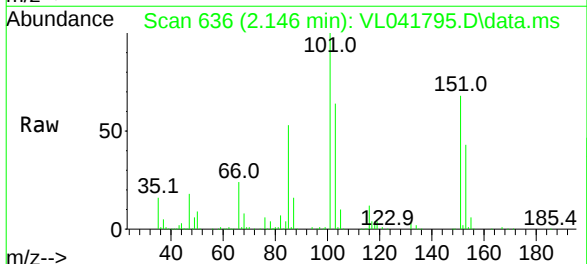
Manual Integrations
APPROVED

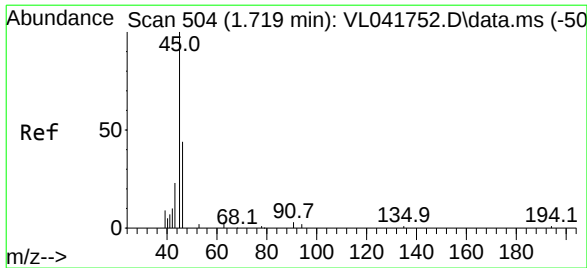
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.222 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.009 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

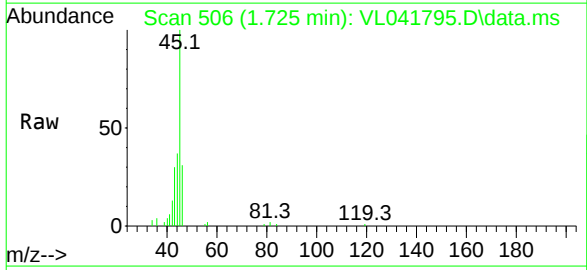
Tgt Ion:101 Resp: 96243
Ion Ratio Lower Upper
101 100
151 66.8 56.8 85.2





#13
Ethanol
Concen: 6.742 ppbv
RT: 1.725 min Scan# 504
Delta R.T. 0.006 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

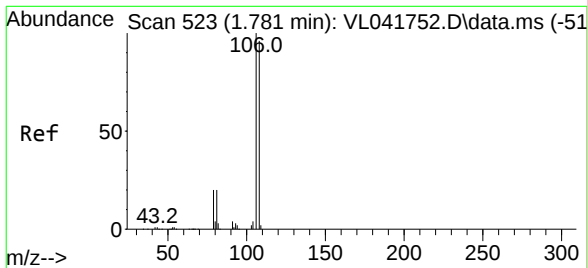
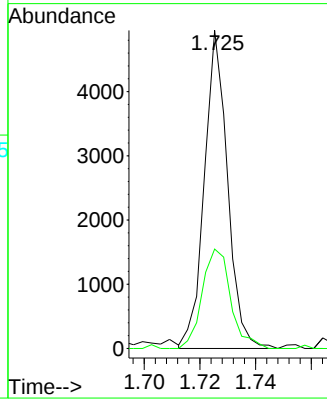
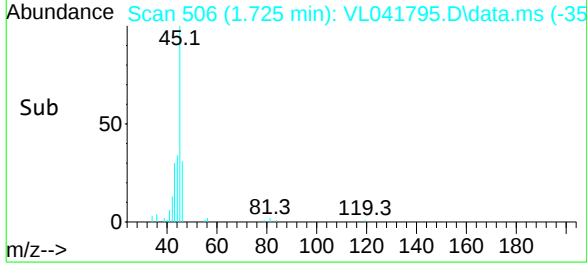
Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01



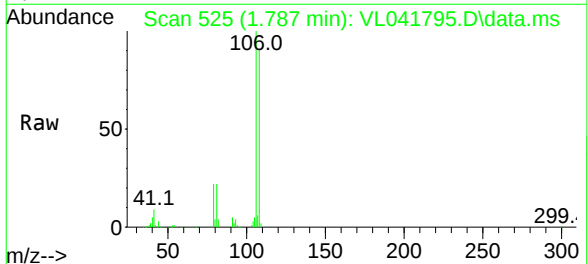
Tgt Ion: 45 Resp: 2865
Ion Ratio Lower Upper
45 100
46 39.7 16.4 65.8

Manual Integrations
APPROVED

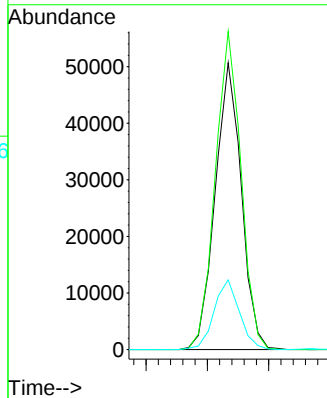
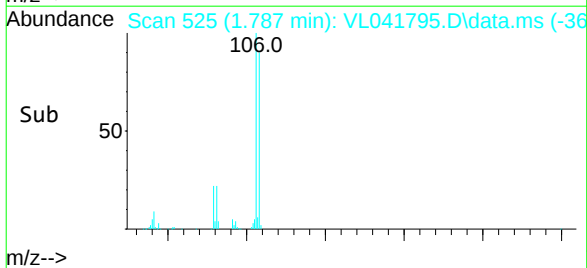
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024

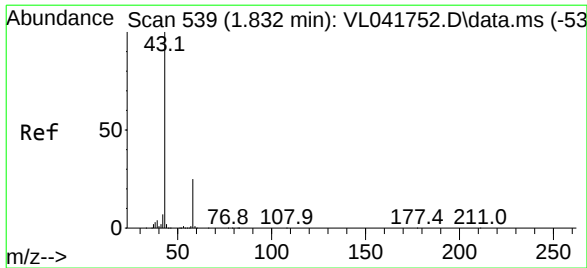


#14
Bromoethene
Concen: 8.533 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.006 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06



Tgt Ion:108 Resp: 30065
Ion Ratio Lower Upper
108 100
106 108.9 84.1 126.1
79 23.9 17.4 26.0





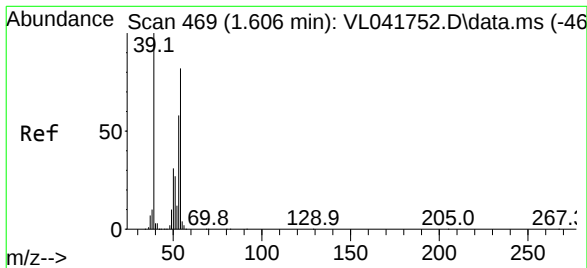
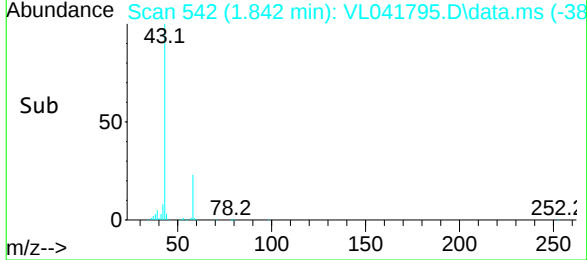
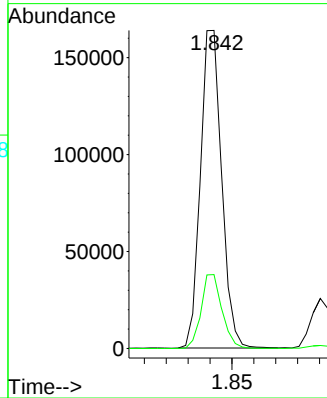
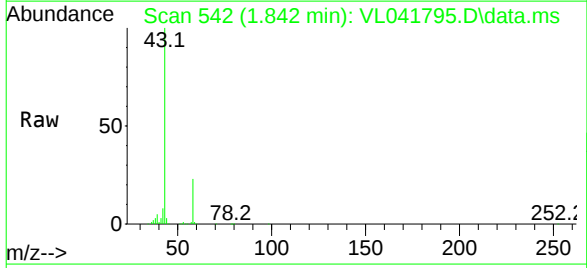
#15
Acetone
Concen: 7.807 ppbv
RT: 1.842 min Scan# 541
Delta R.T. 0.009 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

Tgt Ion: 43 Resp: 110277
Ion Ratio Lower Upper
43 100
58 23.0 19.7 29.5

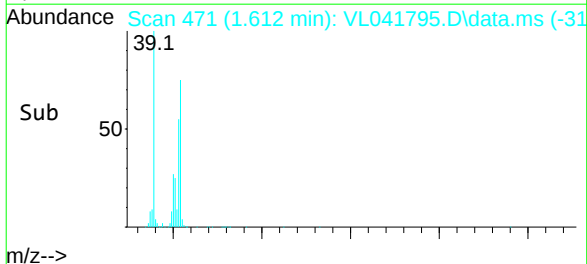
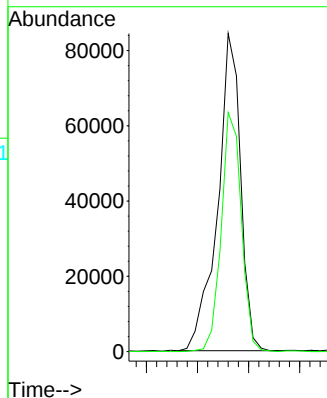
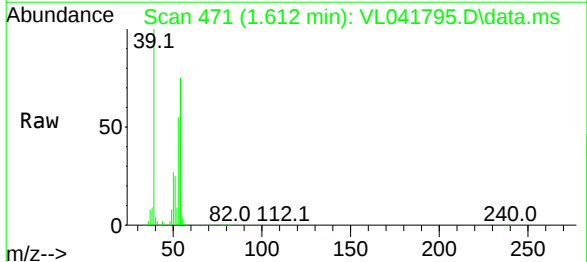
Manual Integrations
APPROVED

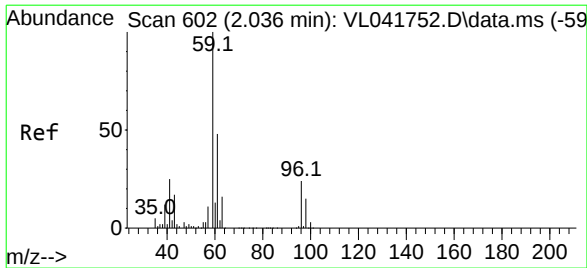
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#16
1,3-Butadiene
Concen: 9.450 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.006 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

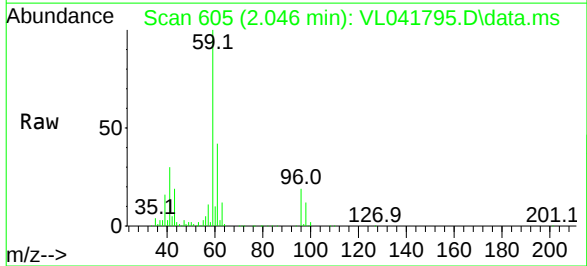
Tgt Ion: 39 Resp: 52562
Ion Ratio Lower Upper
39 100
54 66.3 58.4 87.6





#17
tert-Butyl alcohol
Concen: 8.768 ppbv
RT: 2.046 min Scan# 602
Delta R.T. 0.009 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

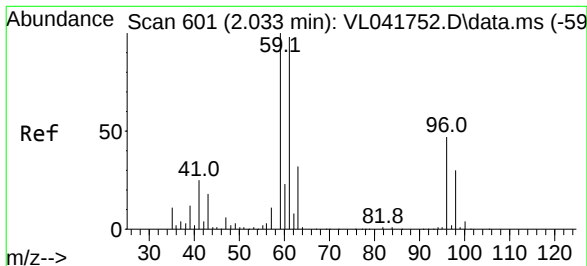
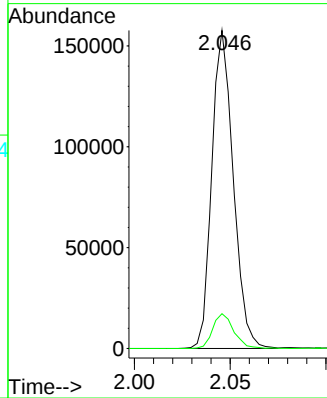
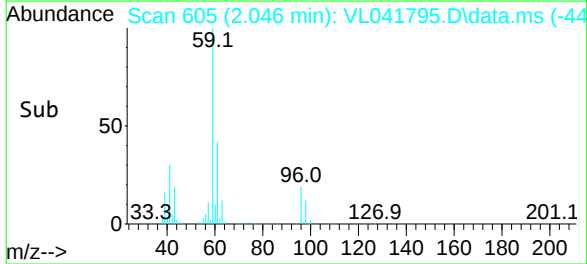
Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01



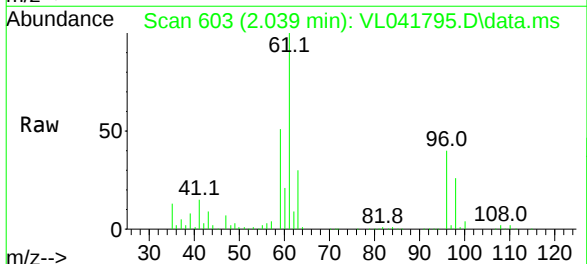
Tgt Ion: 59 Resp: 122872
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0

Manual Integrations
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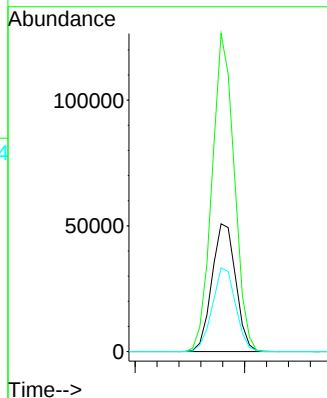
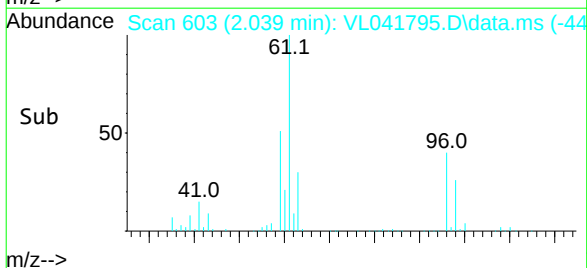
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024

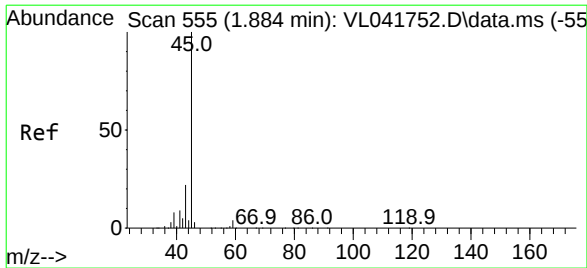


#18
1,1-Dichloroethene
Concen: 8.780 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.006 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06



Tgt Ion: 96 Resp: 38415
Ion Ratio Lower Upper
96 100
61 248.9 167.7 251.5
98 65.4 51.1 76.7





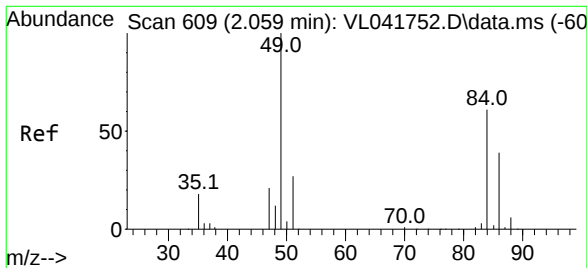
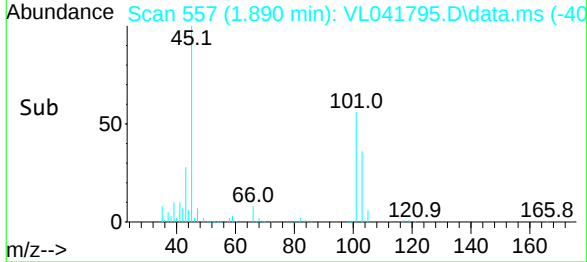
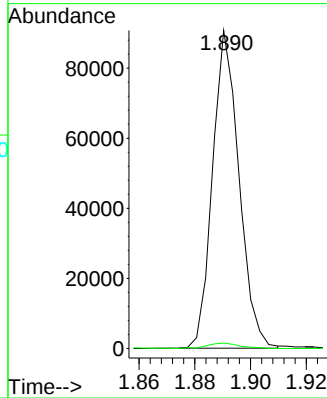
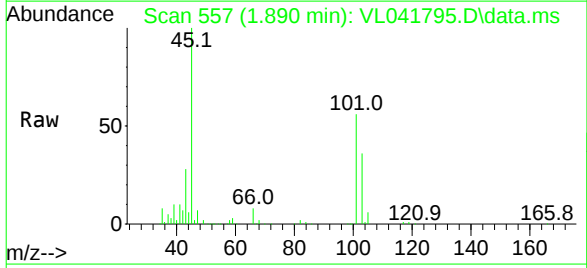
#19
Isopropyl Alcohol
Concen: 7.039 ppbv
RT: 1.890 min Scan# 555
Delta R.T. 0.006 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

Tgt Ion: 45 Resp: 59665
Ion Ratio Lower Upper
45 100
58 2.1 33.3 49.9#

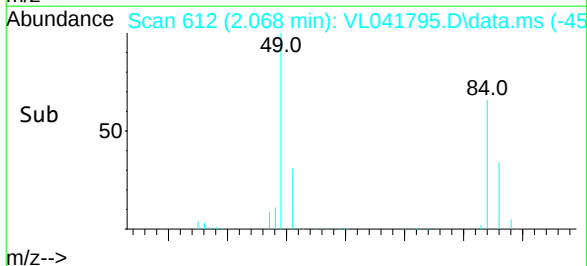
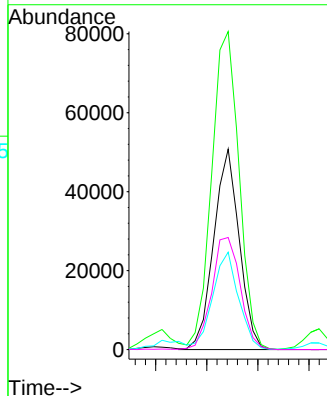
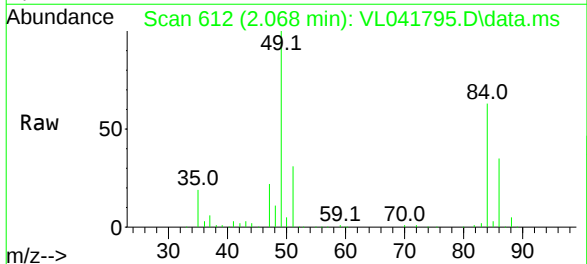
Manual Integrations
APPROVED

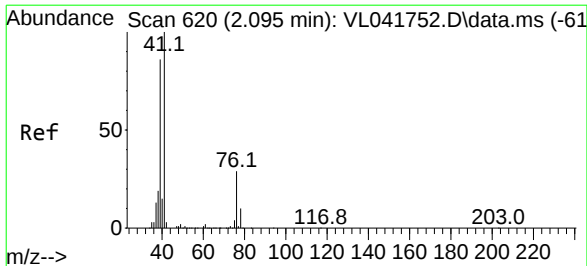
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#20
Methylene Chloride
Concen: 8.766 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.009 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion: 84 Resp: 35310
Ion Ratio Lower Upper
84 100
49 158.5 132.6 198.8
51 48.4 37.6 56.4
86 55.9 51.4 77.0





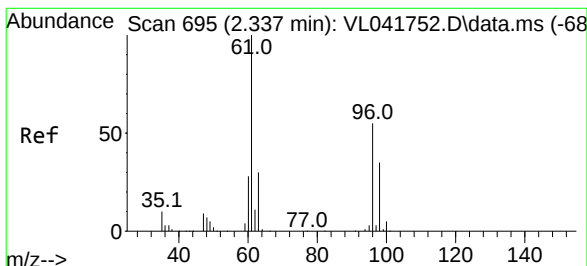
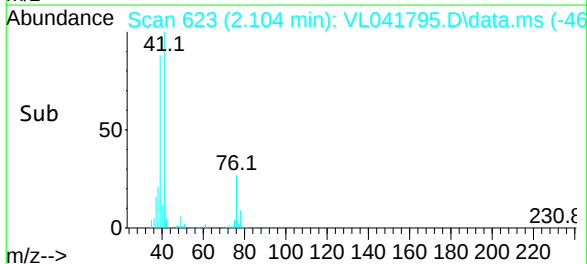
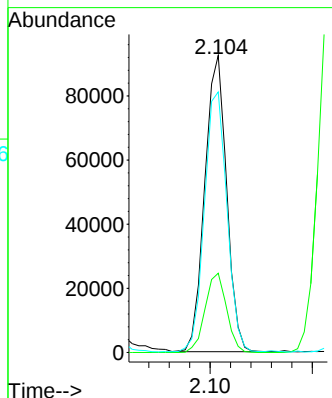
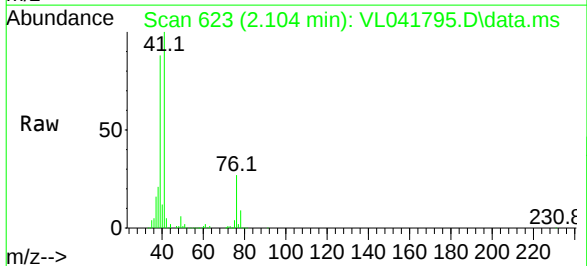
#21
 Allyl Chloride
 Concen: 8.945 ppbv
 RT: 2.104 min Scan# 621
 Delta R.T. 0.009 min
 Lab File: VL041795.D
 Acq: 18 Dec 2024 16:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1218ABS01

Tgt Ion:	41	Resp:	68525
Ion	Ratio	Lower	Upper
41	100		
76	26.2	22.3	33.5
39	91.2	69.2	103.8

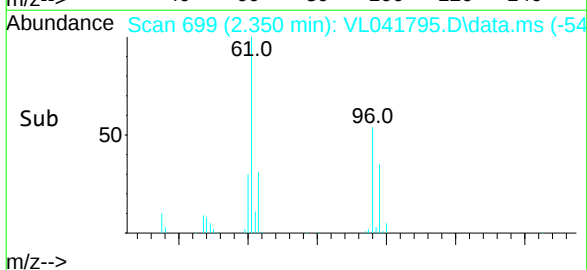
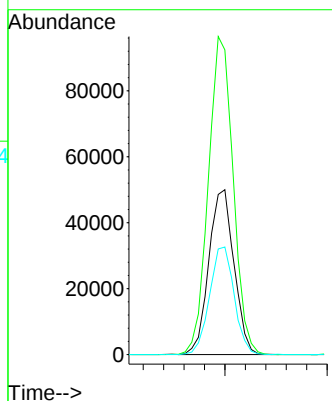
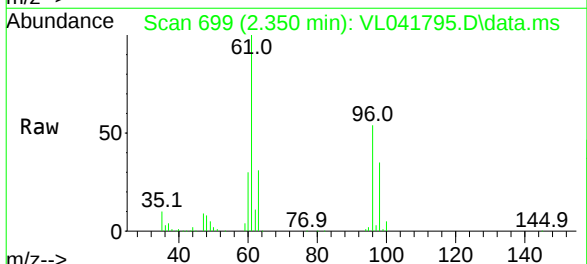
Manual Integrations
 APPROVED

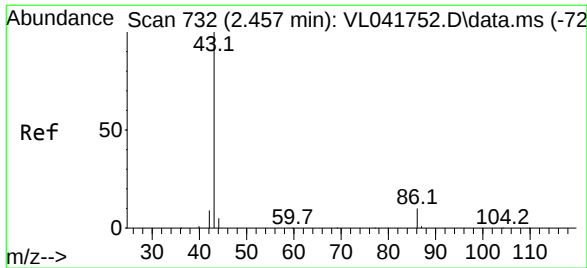
Reviewed By :Semsettin Yesilyurt 12/19/2024
 Supervised By :Mahesh Dadoda 12/19/2024



#22
 trans-1,2-Dichloroethene
 Concen: 8.550 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.013 min
 Lab File: VL041795.D
 Acq: 18 Dec 2024 16:06

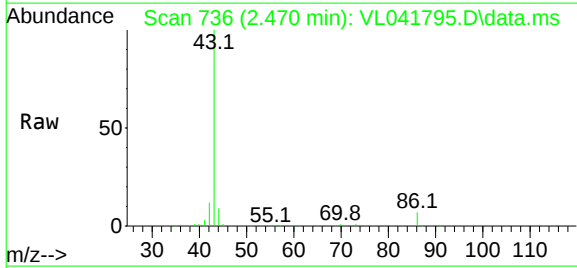
Tgt Ion:	96	Resp:	42821
Ion	Ratio	Lower	Upper
96	100		
61	184.8	146.3	219.5
98	65.2	50.8	76.2





#23
 Vinyl Acetate
 Concen: 6.627 ppbv
 RT: 2.470 min Scan# 73
 Delta R.T. 0.013 min
 Lab File: VL041795.D
 Acq: 18 Dec 2024 16:06

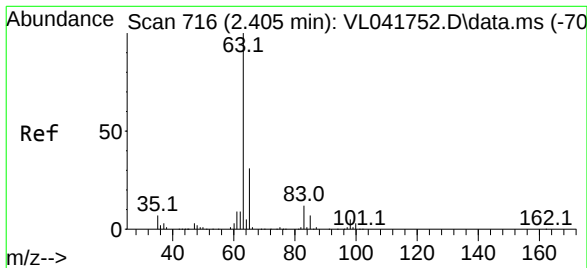
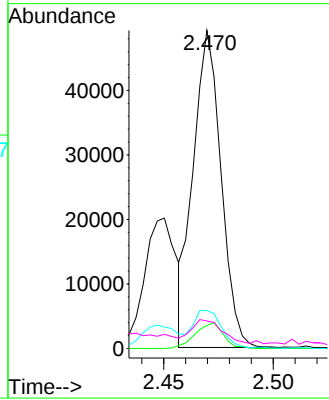
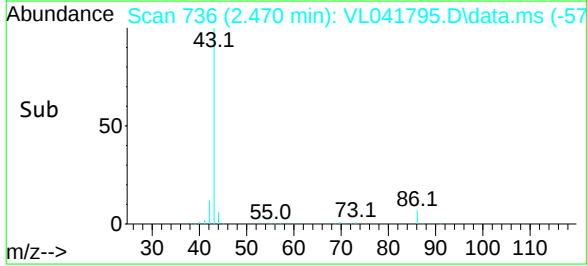
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1218ABS01



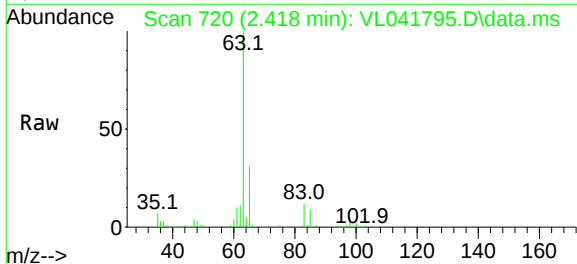
Tgt Ion:	43	Resp:	43463
Ion	Ratio	Lower	Upper
43	100		
86	7.3	6.6	10.0
42	11.5	8.2	12.2
44	6.9	5.0	7.4

Manual Integrations
 APPROVED

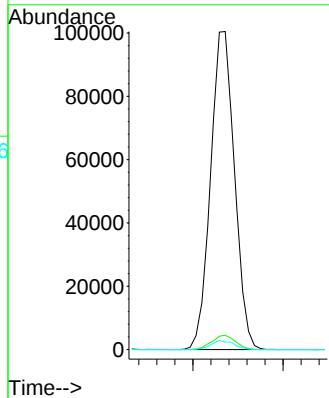
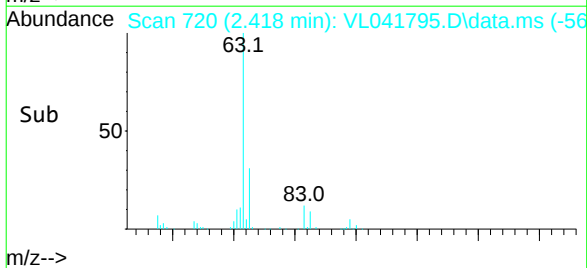
Reviewed By :Semsettin Yesilyurt 12/19/2024
 Supervised By :Mahesh Dadoda 12/19/2024

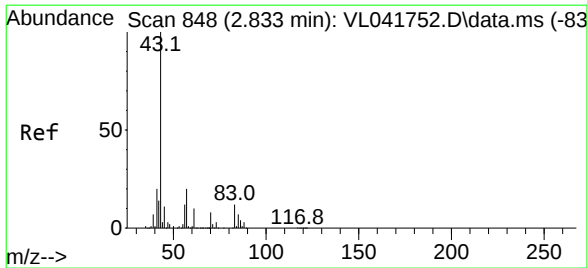


#24
 1,1-Dichloroethane
 Concen: 9.142 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.013 min
 Lab File: VL041795.D
 Acq: 18 Dec 2024 16:06



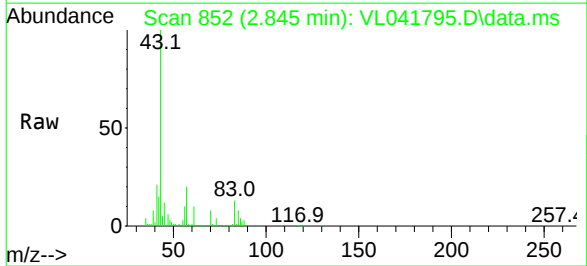
Tgt Ion:	63	Resp:	92680
Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.3	6.8
100	2.4	1.4	4.2





#25
Ethyl Acetate
Concen: 8.502 ppbv
RT: 2.845 min Scan# 851
Delta R.T. 0.013 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

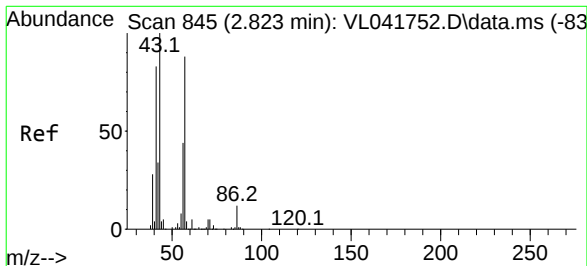
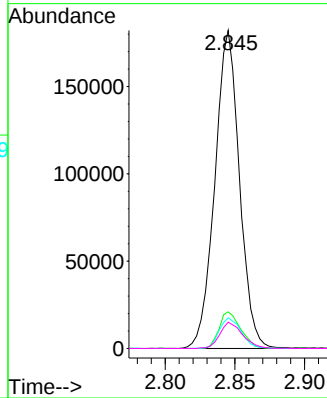
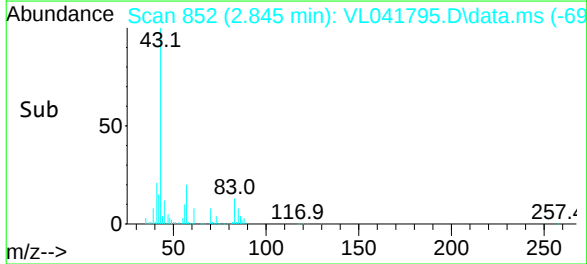
Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01



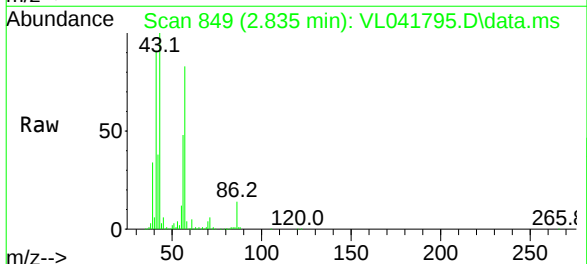
Tgt Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.1	12.1
61	8.7	7.0	10.6
70	7.7	6.5	9.7

Manual Integrations
APPROVED

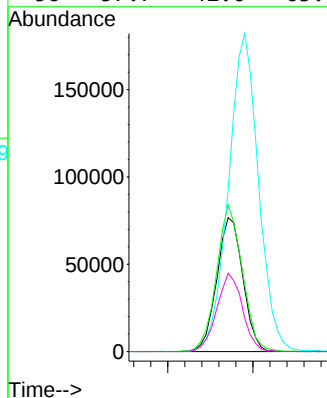
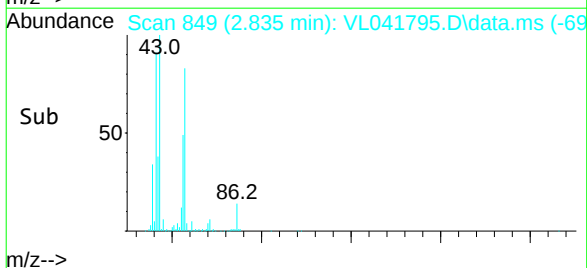
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024

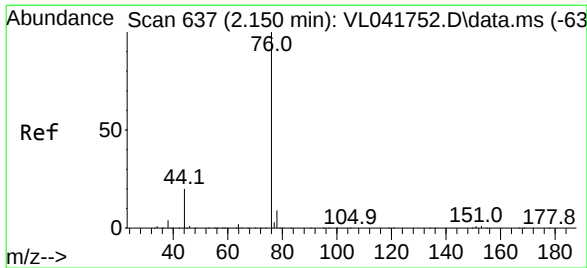


#26
Hexane
Concen: 8.164 ppbv
RT: 2.835 min Scan# 849
Delta R.T. 0.013 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06



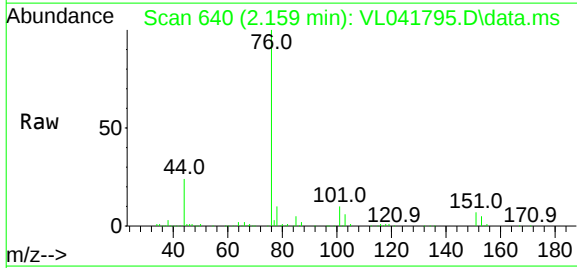
Tgt Ion	Ratio	Lower	Upper
57	100		
41	109.0	79.6	119.4
43	275.9	211.0	316.6
56	57.7	42.6	63.8





#27
Carbon Disulfide
Concen: 8.505 ppbv
RT: 2.159 min Scan# 64
Delta R.T. 0.009 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

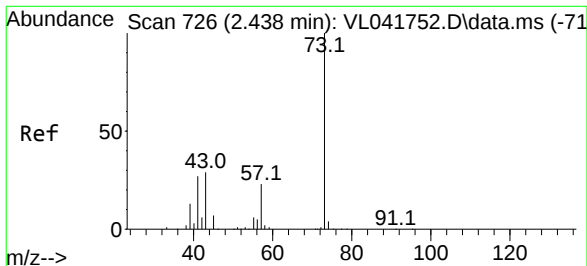
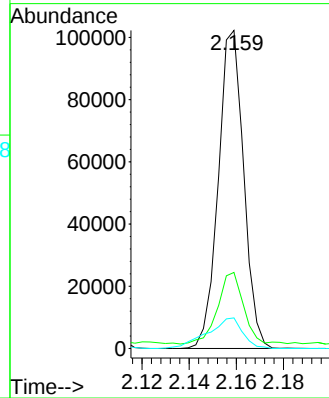
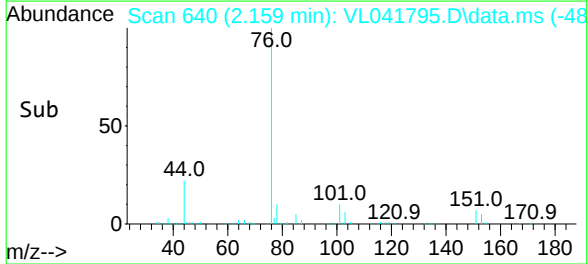
Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01



Tgt Ion: 76 Resp: 76433
Ion Ratio Lower Upper
76 100
44 25.9 17.6 26.4
78 13.3 10.2 15.4

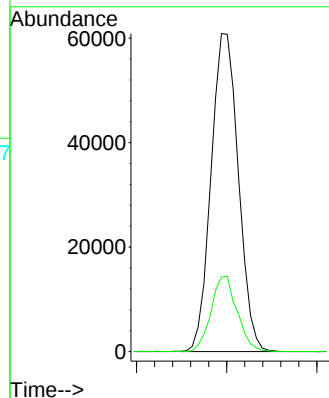
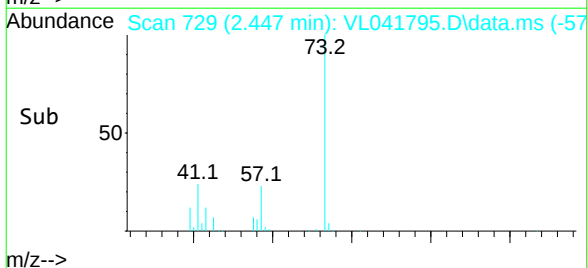
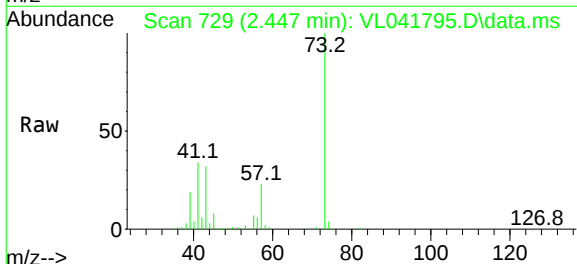
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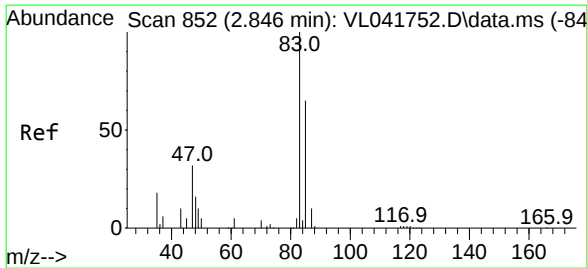
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#28
Methyl tert-Butyl Ether
Concen: 7.915 ppbv
RT: 2.447 min Scan# 729
Delta R.T. 0.009 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion: 73 Resp: 64037
Ion Ratio Lower Upper
73 100
57 22.6 17.6 26.4





#29

Chloroform

Concen: 9.200 ppbv

RT: 2.858 min Scan# 85

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_L

ClientSampleId :

VL1218ABS01

Tgt Ion: 83 Resp: 139818

Ion Ratio Lower Upper

83 100

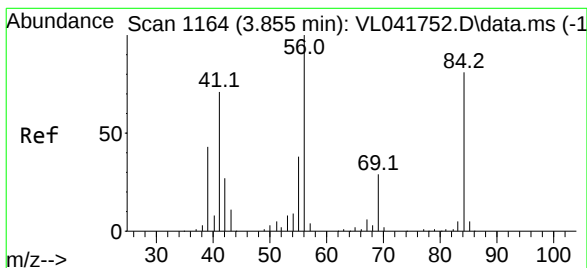
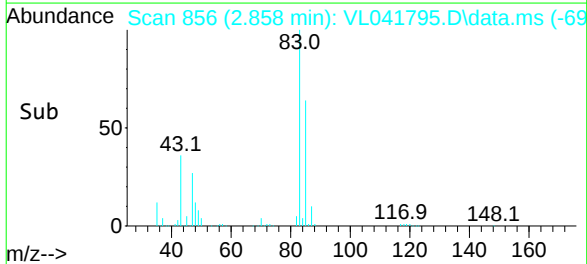
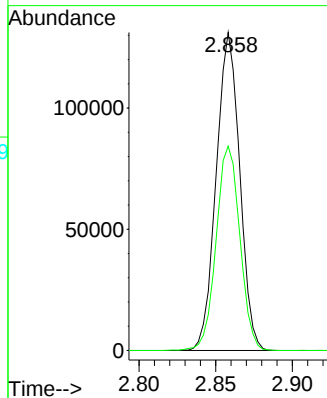
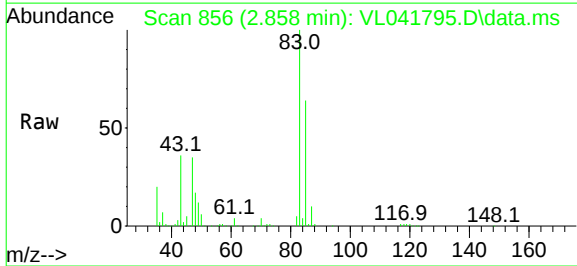
85 64.2 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024

Supervised By :Mahesh Dadoda 12/19/2024



#30

Cyclohexane

Concen: 7.806 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. 0.016 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

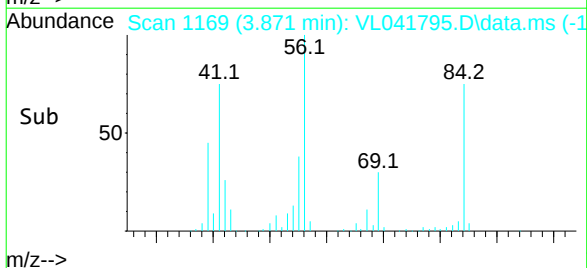
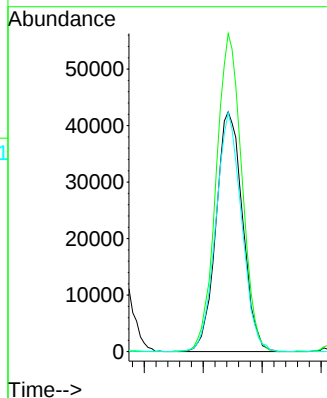
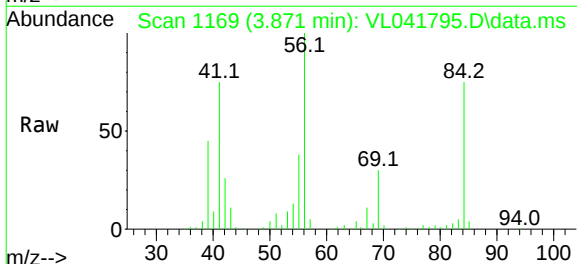
Tgt Ion: 84 Resp: 66237

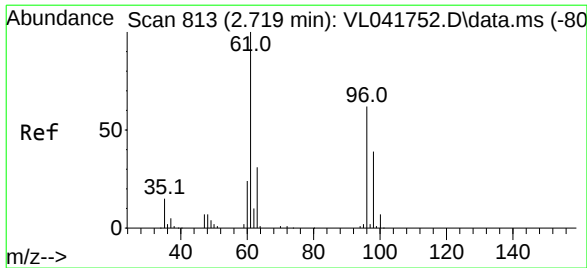
Ion Ratio Lower Upper

84 100

56 128.6 102.3 153.5

41 97.1 74.0 111.0





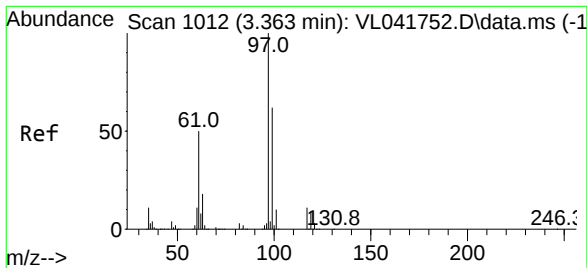
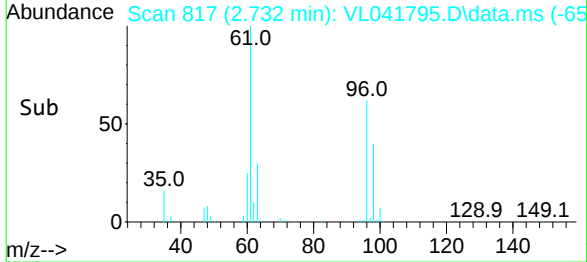
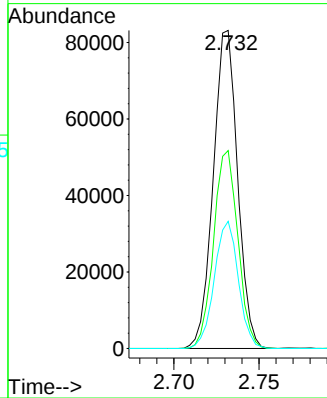
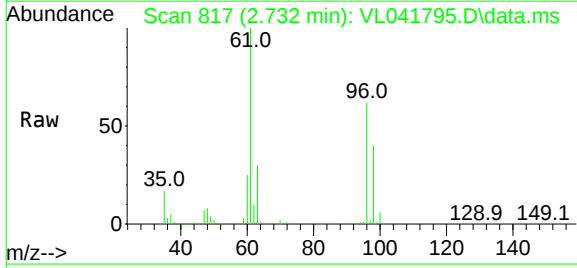
#31
cis-1,2-Dichloroethene
Concen: 8.033 ppbv
RT: 2.732 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

Tgt Ion	Ratio	Lower	Upper
61	100		
96	62.2	49.7	74.5
98	40.0	30.8	46.2

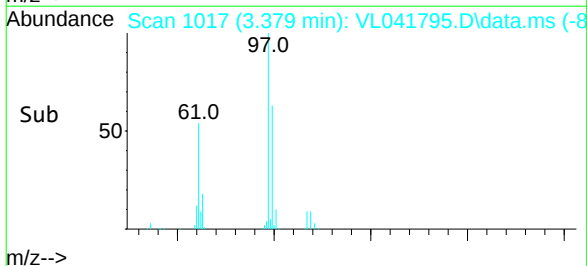
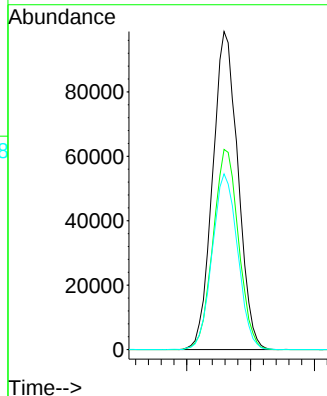
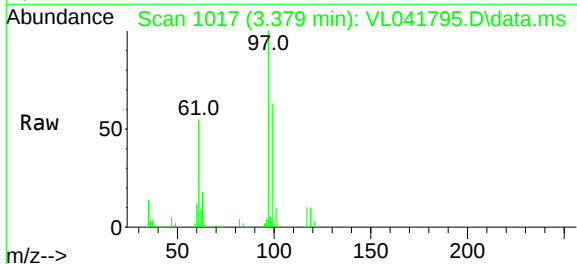
Manual Integrations
APPROVED

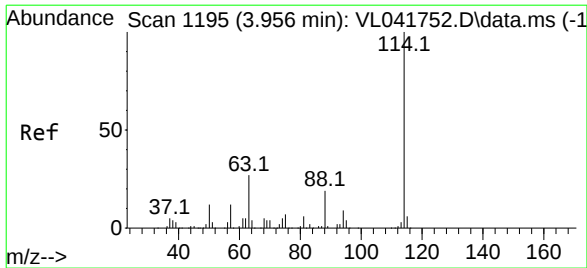
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#32
1,1,1-Trichloroethane
Concen: 8.807 ppbv
RT: 3.379 min Scan# 1017
Delta R.T. 0.016 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.0	76.4
61	55.6	42.2	63.2





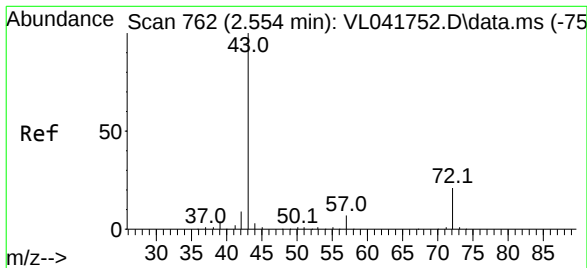
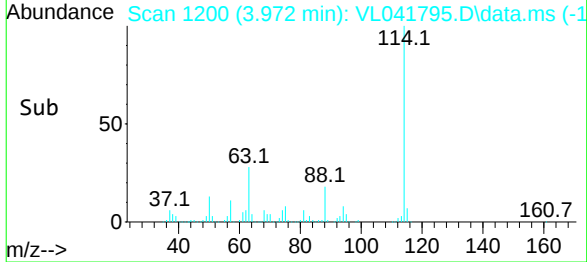
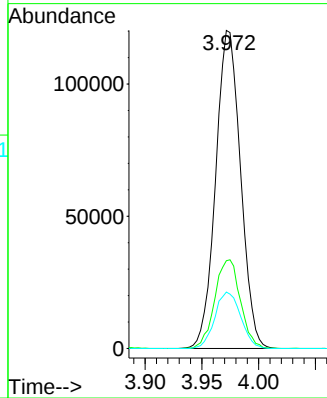
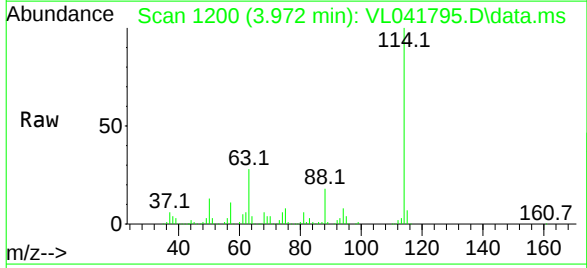
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 12
Delta R.T. 0.016 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

Tgt Ion: 114 Resp: 183255
Ion Ratio Lower Upper
114 100
63 28.8 21.8 32.8
88 18.4 14.8 22.2

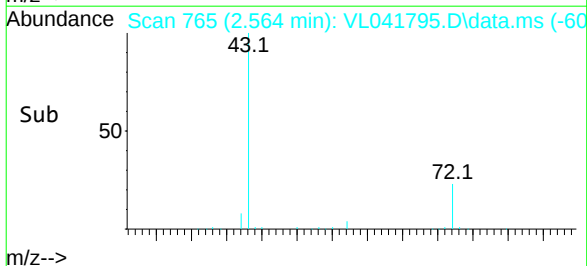
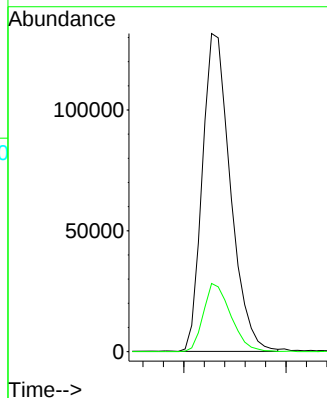
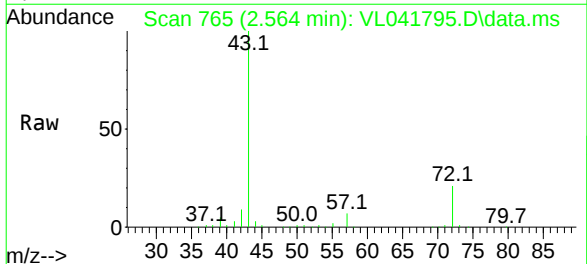
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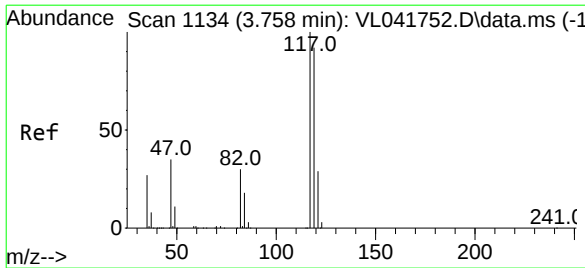
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#34
2-Butanone
Concen: 8.525 ppbv
RT: 2.564 min Scan# 765
Delta R.T. 0.009 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

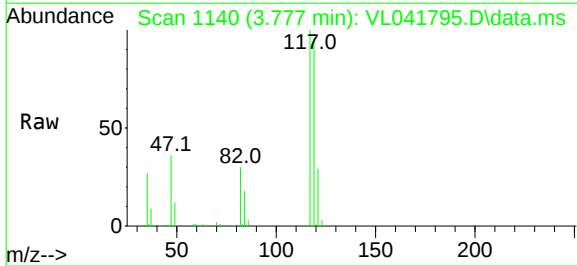
Tgt Ion: 43 Resp: 125687
Ion Ratio Lower Upper
43 100
72 20.9 16.8 25.2





#35
Carbon Tetrachloride
Concen: 10.854 ppbv
RT: 3.777 min Scan# 111
Delta R.T. 0.019 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

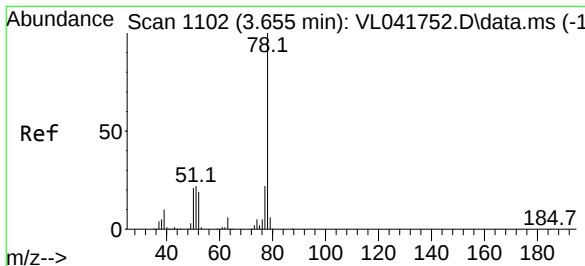
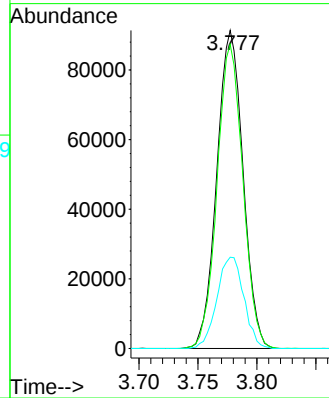
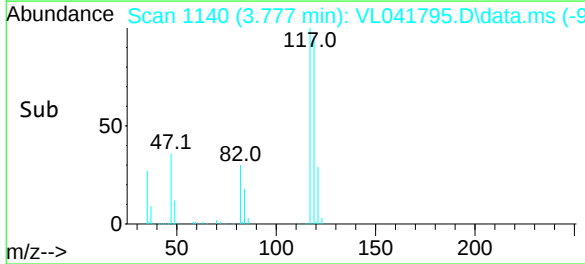
Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01



Tgt Ion:117 Resp: 141202
Ion Ratio Lower Upper
117 100
119 95.6 73.7 110.5
121 28.7 23.0 34.4

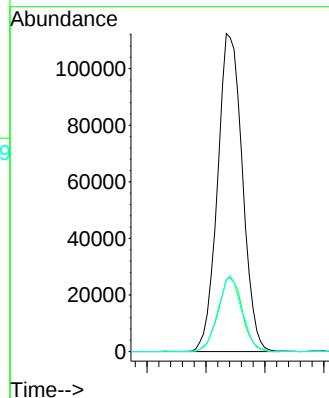
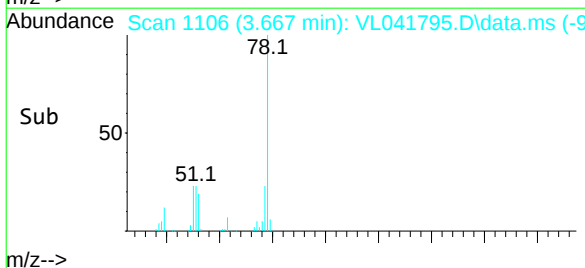
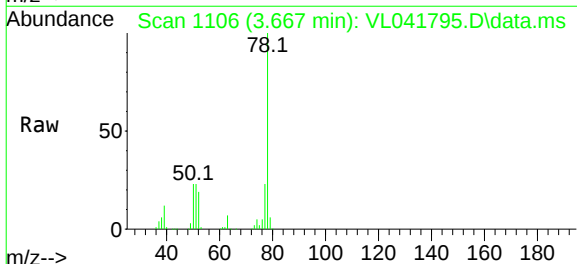
Manual Integrations
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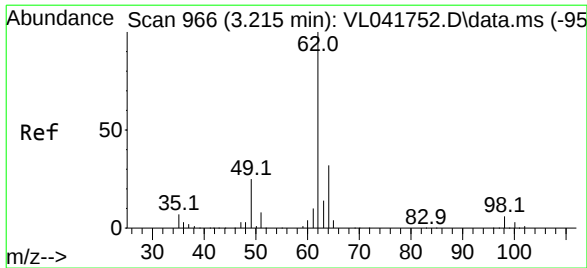
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#36
Benzene
Concen: 8.674 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. 0.013 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion: 78 Resp: 164423
Ion Ratio Lower Upper
78 100
77 22.6 17.8 26.6
50 22.8 17.2 25.8





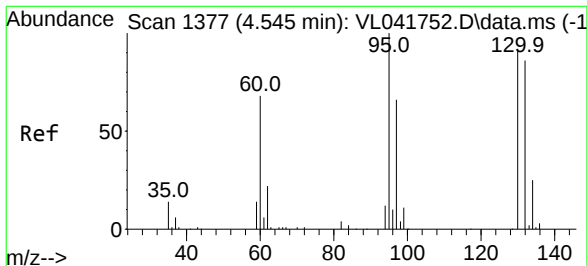
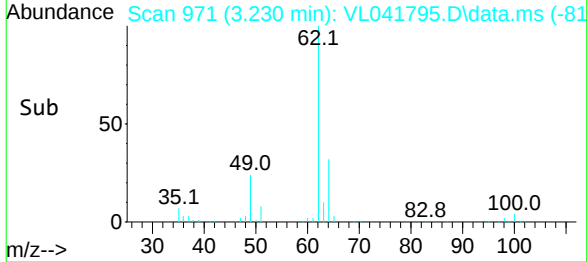
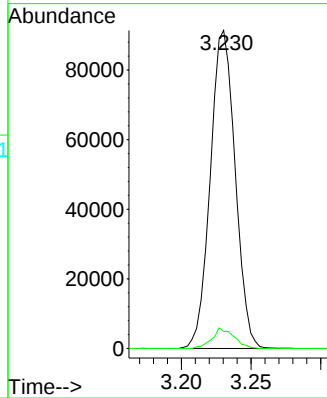
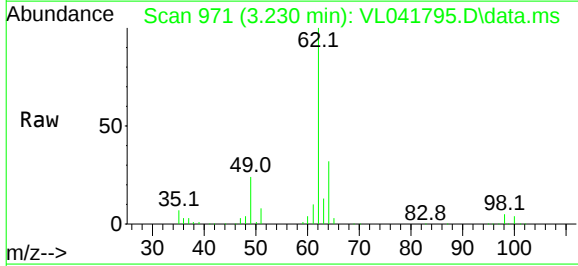
#37
1,2-Dichloroethane
Concen: 9.631 ppbv
RT: 3.230 min Scan# 971
Delta R.T. 0.016 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

Tgt Ion: 62 Resp: 113600
Ion Ratio Lower Upper
62 100
98 5.7 4.7 7.1

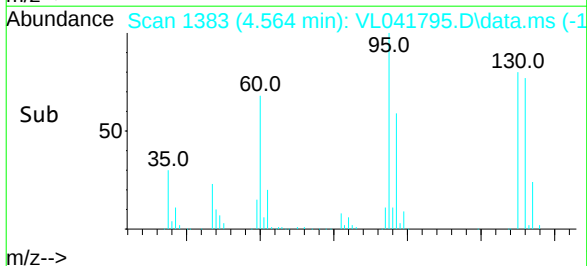
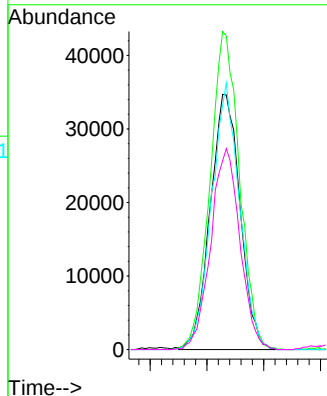
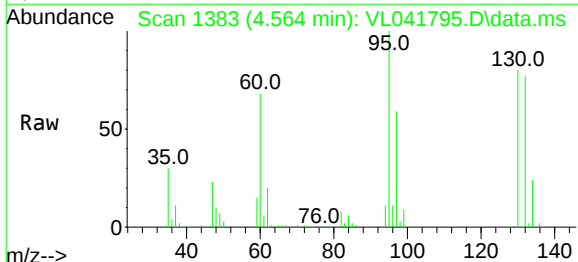
Manual Integrations
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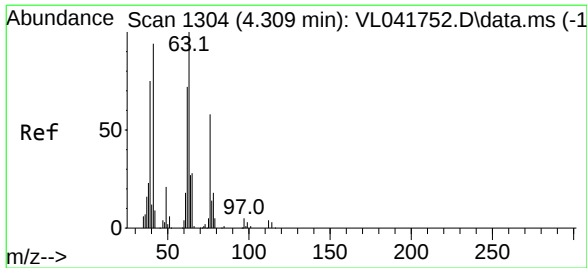
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#38
Trichloroethene
Concen: 7.864 ppbv
RT: 4.564 min Scan# 1383
Delta R.T. 0.019 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion:130 Resp: 63280
Ion Ratio Lower Upper
130 100
95 124.4 87.0 130.6
132 95.7 75.0 112.6
97 74.0 57.2 85.8





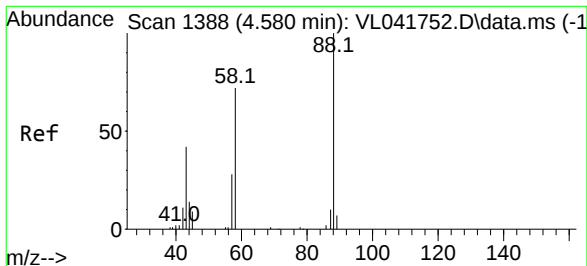
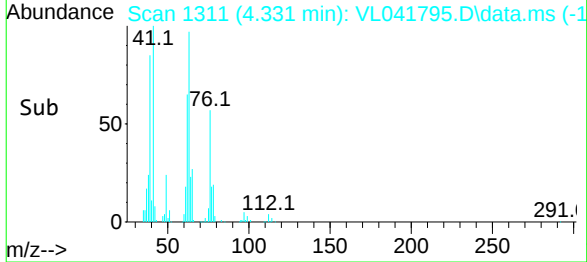
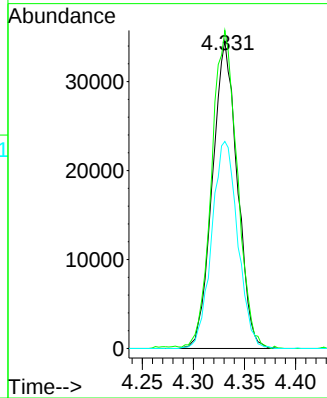
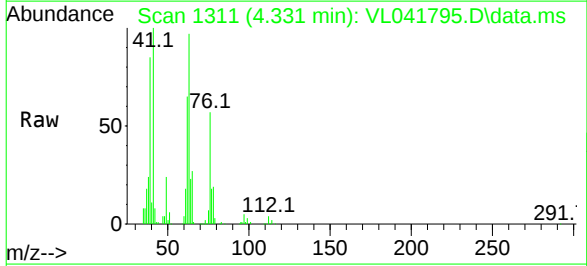
#39
1,2-Dichloropropane
Concen: 8.541 ppbv
RT: 4.331 min Scan# 1304
Delta R.T. 0.022 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

Tgt Ion	Ratio	Lower	Upper
63	100		
41	103.2	75.3	112.9
62	67.3	57.3	85.9

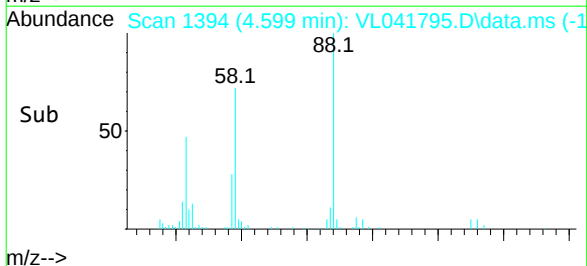
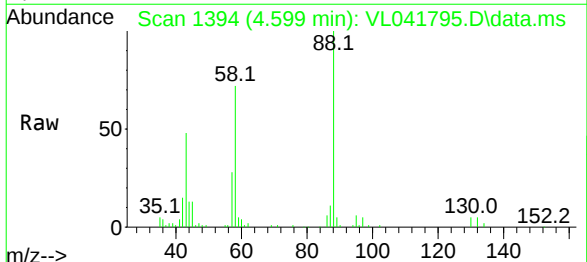
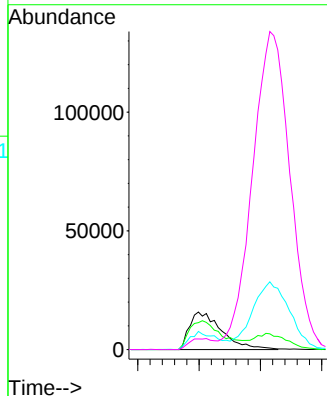
Manual Integrations
APPROVED

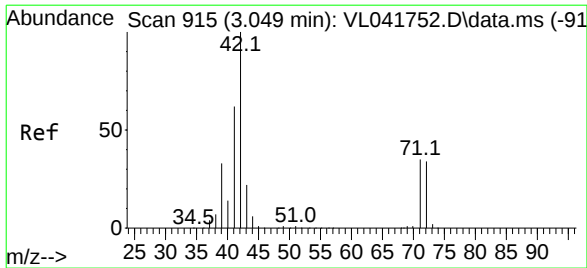
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#40
1,4-Dioxane
Concen: 8.624 ppbv
RT: 4.599 min Scan# 1394
Delta R.T. 0.019 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

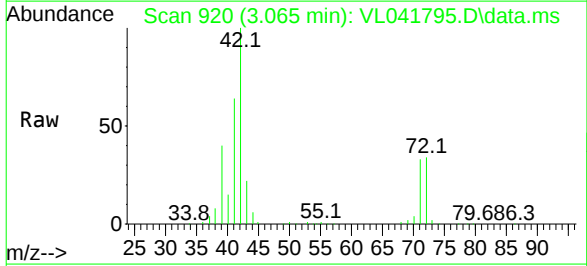
Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.5	61.0	91.6
43	40.2	29.4	44.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 8.114 ppbv
RT: 3.065 min Scan# 92
Delta R.T. 0.016 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

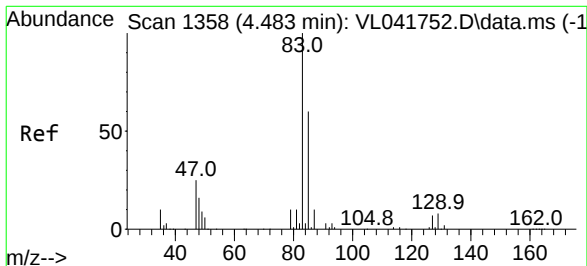
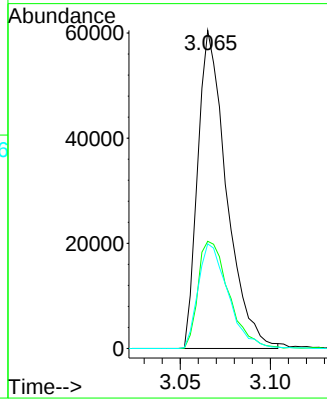
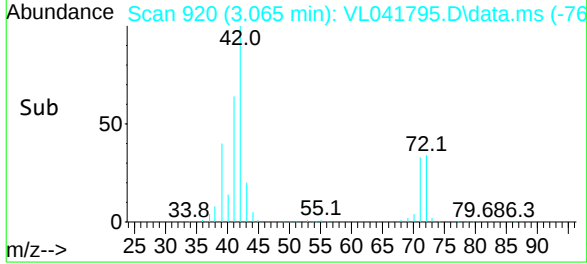
Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01



Tgt Ion: 42 Resp: 67017
Ion Ratio Lower Upper
42 100
72 36.3 29.1 43.7
71 34.4 28.4 42.6

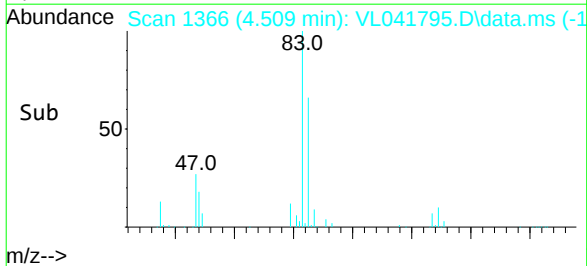
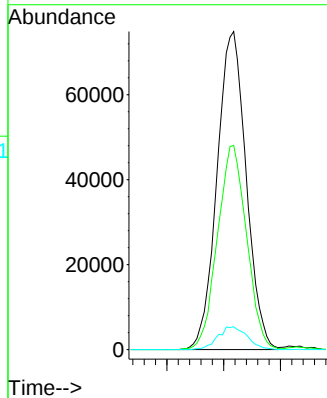
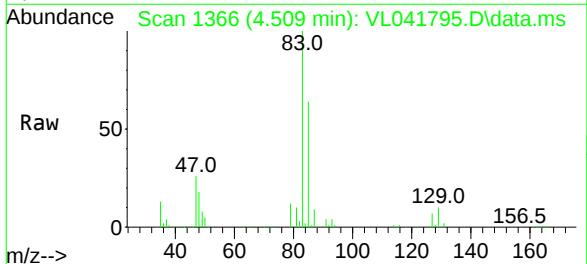
Manual Integrations
APPROVED

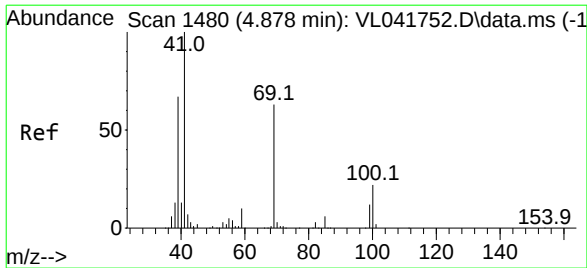
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#42
Bromodichloromethane
Concen: 9.839 ppbv
RT: 4.509 min Scan# 1366
Delta R.T. 0.026 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion: 83 Resp: 133513
Ion Ratio Lower Upper
83 100
85 64.2 48.0 72.0
127 7.2 5.8 8.8





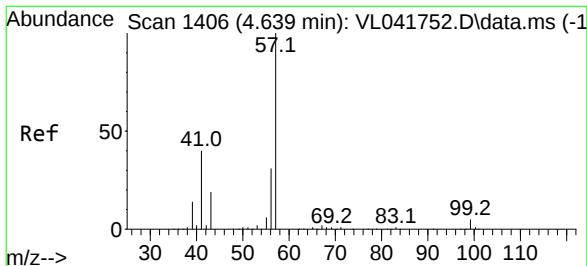
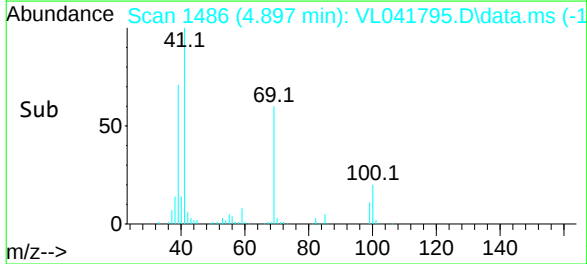
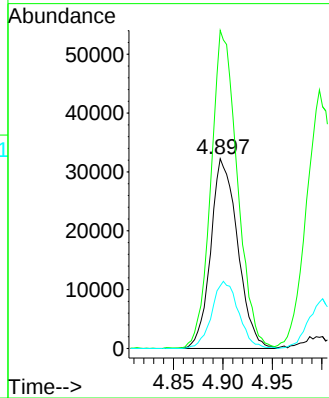
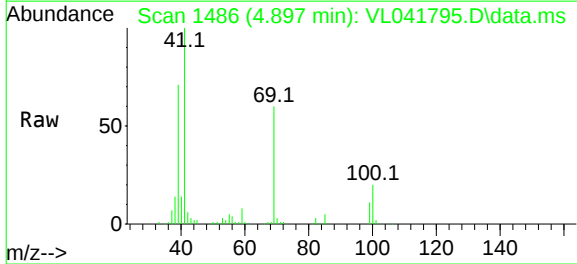
#43
Methyl Methacrylate
Concen: 8.448 ppbv
RT: 4.897 min Scan# 1412
Delta R.T. 0.019 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

Tgt Ion: 69 Resp: 61014
Ion Ratio Lower Upper
69 100
41 165.0 130.3 195.5
100 35.3 28.3 42.5

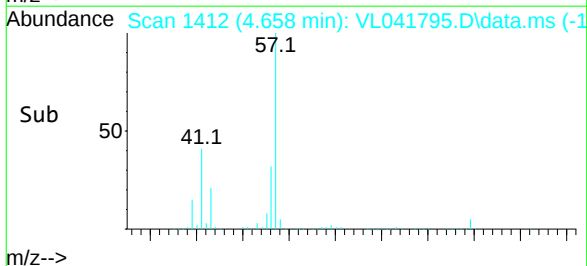
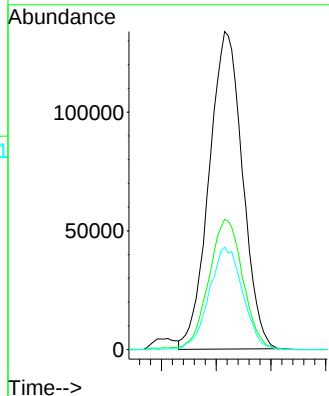
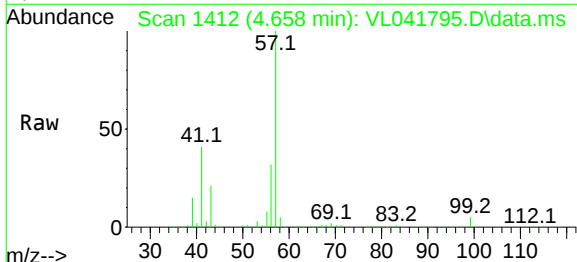
Manual Integrations
APPROVED

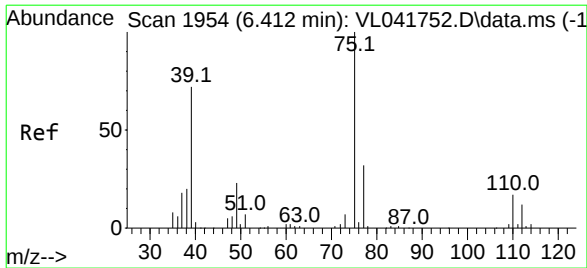
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#44
2,2,4-Trimethylpentane
Concen: 8.777 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. 0.019 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

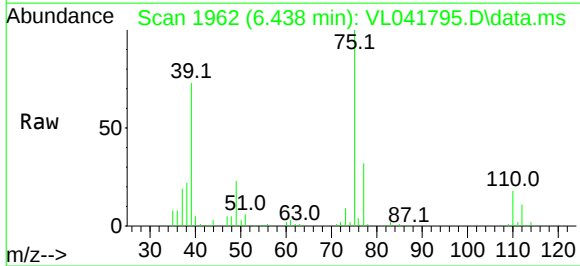
Tgt Ion: 57 Resp: 284140
Ion Ratio Lower Upper
57 100
41 42.1 30.7 46.1
56 32.6 25.4 38.0





#45
t-1,3-Dichloropropene
Concen: 7.879 ppbv
RT: 6.438 min Scan# 1954
Delta R.T. 0.026 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

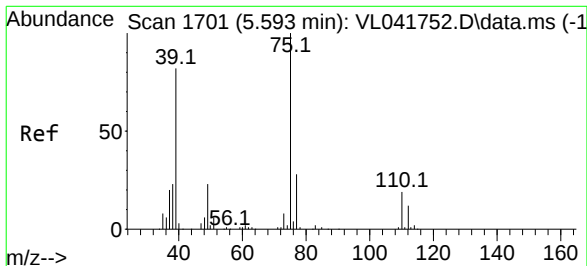
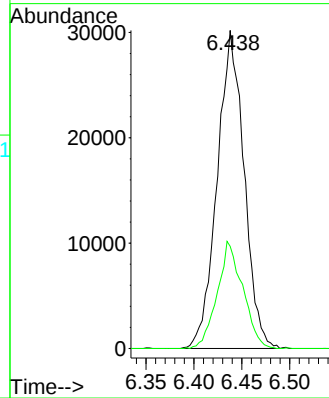
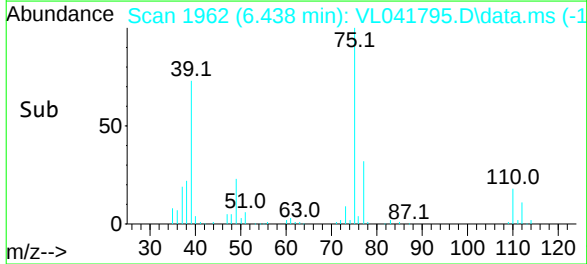
Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01



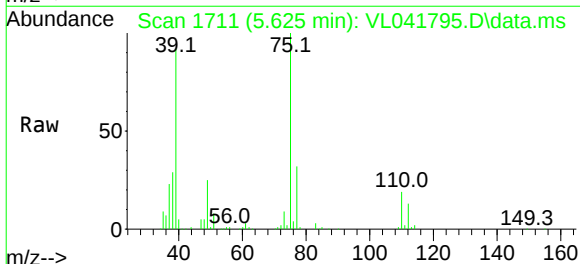
Tgt Ion: 75 Resp: 58865
Ion Ratio Lower Upper
75 100
77 32.1 25.9 38.9

Manual Integrations
APPROVED

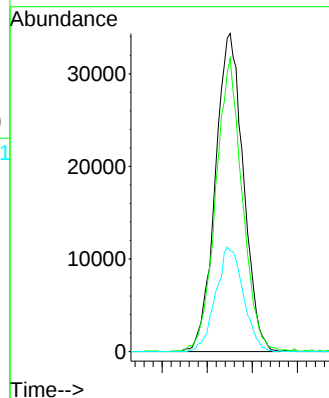
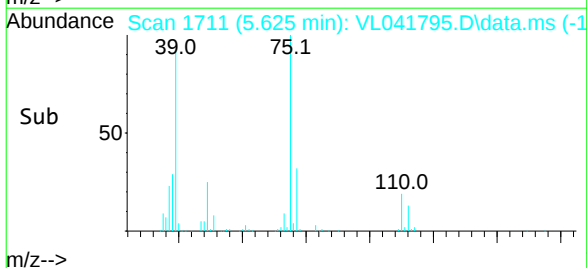
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024

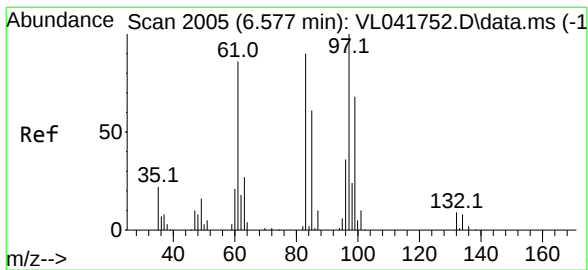


#46
cis-1,3-Dichloropropene
Concen: 7.824 ppbv
RT: 5.625 min Scan# 1711
Delta R.T. 0.032 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06



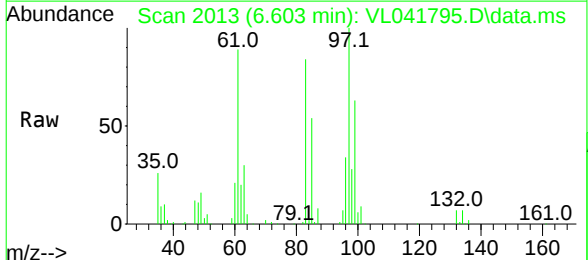
Tgt Ion: 75 Resp: 74198
Ion Ratio Lower Upper
75 100
39 92.0 65.2 97.8
77 31.7 22.0 33.0





#47
1,1,2-Trichloroethane
Concen: 9.071 ppbv
RT: 6.603 min Scan# 20
Delta R.T. 0.026 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

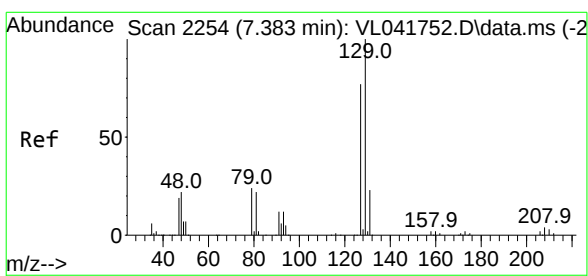
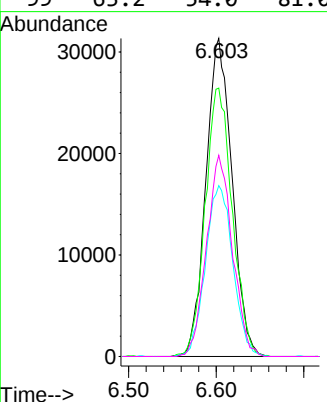
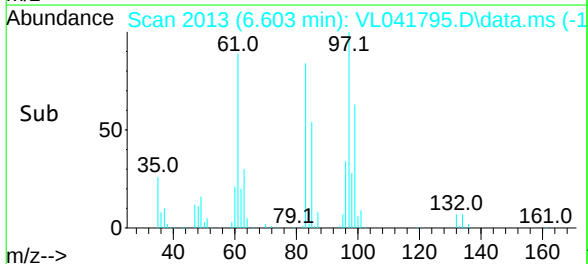
Instrument : MSVOA_L
ClientSampleId : VL1218ABS01



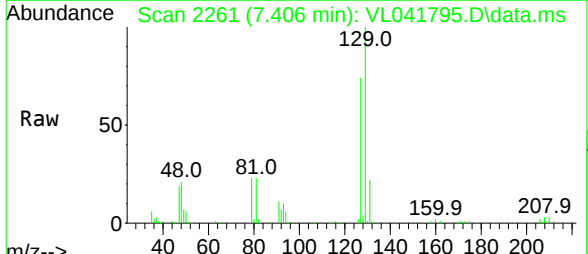
Tgt Ion:	97	Resp:	64954
Ion	Ratio	Lower	Upper
97	100		
83	84.4	72.3	108.5
85	53.7	48.5	72.7
99	63.2	54.0	81.0

Manual Integrations
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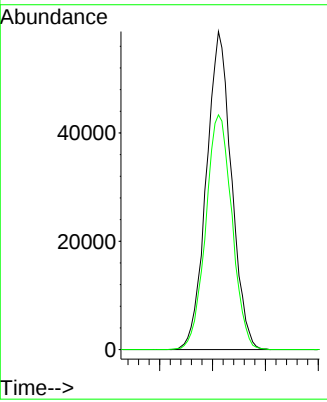
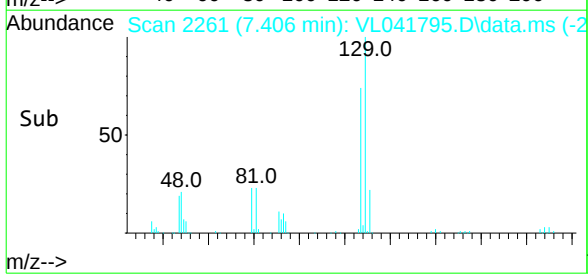
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024

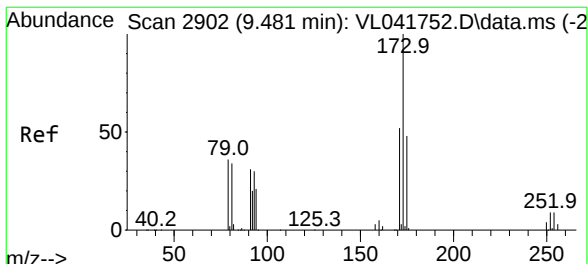


#48
Dibromochloromethane
Concen: 9.920 ppbv
RT: 7.406 min Scan# 2261
Delta R.T. 0.022 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06



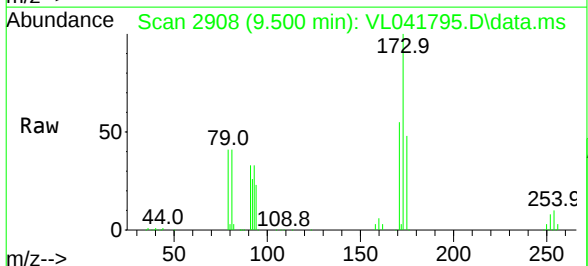
Tgt Ion:	129	Resp:	96996
Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.8	116.3





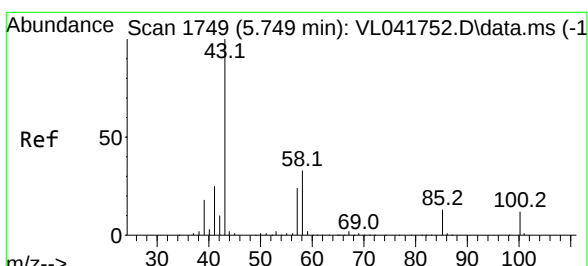
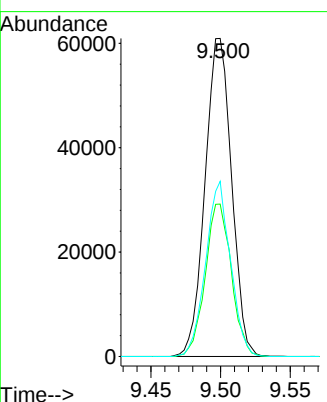
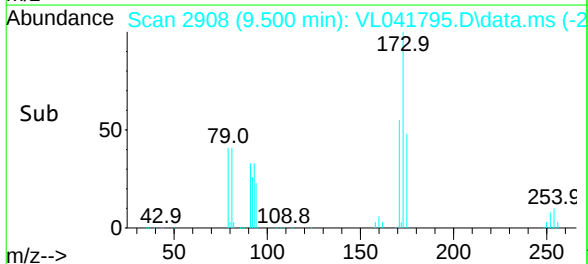
#49
 Bromoform
 Concen: 10.100 ppbv
 RT: 9.500 min Scan# 2902
 Delta R.T. 0.019 min
 Lab File: VL041795.D
 Acq: 18 Dec 2024 16:06

Instrument : MSVOA_L
 ClientSampleId : VL1218ABS01

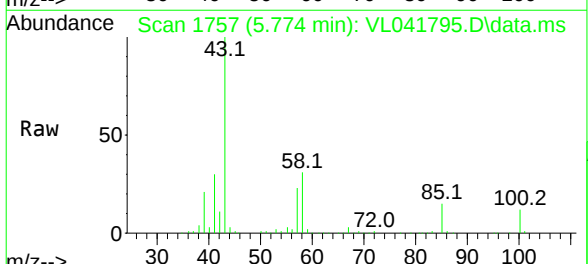


Tgt Ion:	173	Resp:	80840
Ion Ratio	Lower	Upper	
173	100		
175	47.1	38.2	57.2
171	51.5	41.1	61.7

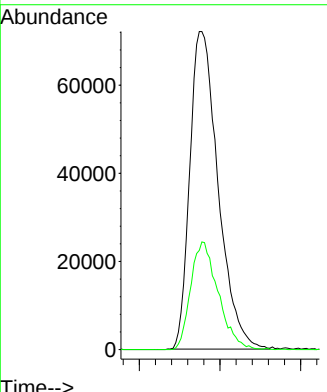
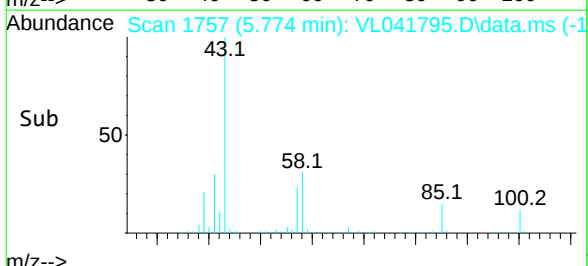
Manual Integrations
APPROVED
 Reviewed By :Semsettin Yesilyurt 12/19/2024
 Supervised By :Mahesh Dadoda 12/19/2024

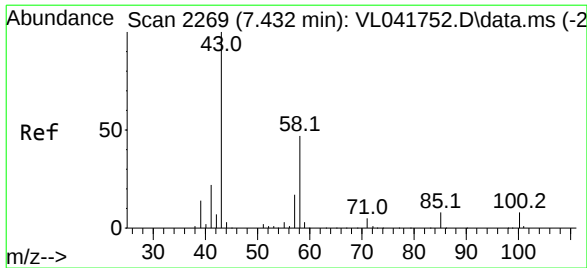


#50
 4-Methyl-2-Pentanone
 Concen: 8.759 ppbv
 RT: 5.774 min Scan# 1757
 Delta R.T. 0.026 min
 Lab File: VL041795.D
 Acq: 18 Dec 2024 16:06



Tgt Ion:	43	Resp:	175817
Ion Ratio	Lower	Upper	
43	100		
58	32.9	26.8	40.2





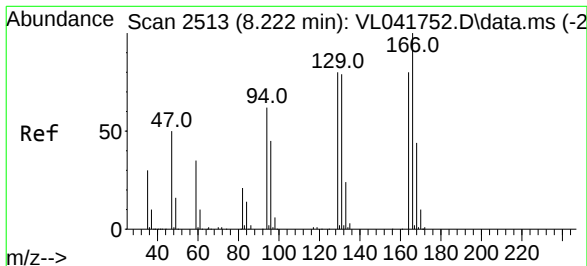
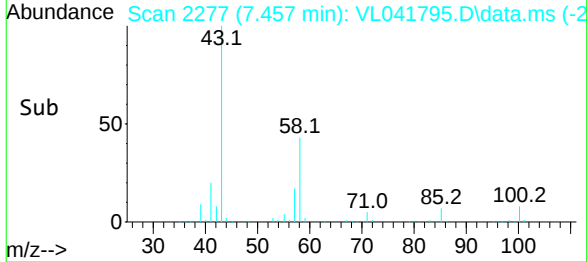
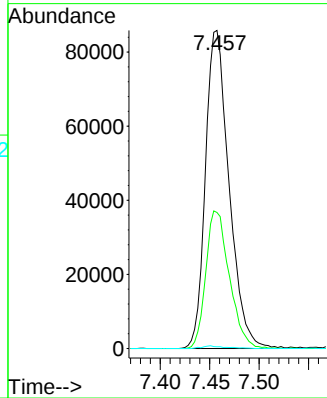
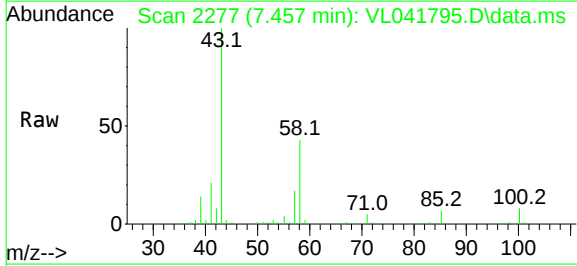
#51
2-Hexanone
Concen: 8.752 ppbv
RT: 7.457 min Scan# 2269
Delta R.T. 0.025 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

Tgt Ion: 43 Resp: 142403
Ion Ratio Lower Upper
43 100
58 43.1 36.6 55.0
98 0.8 0.1 0.1

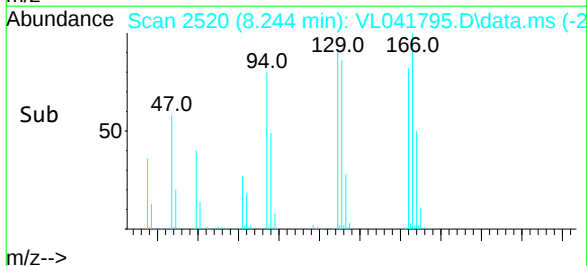
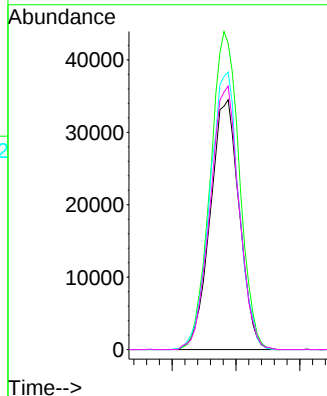
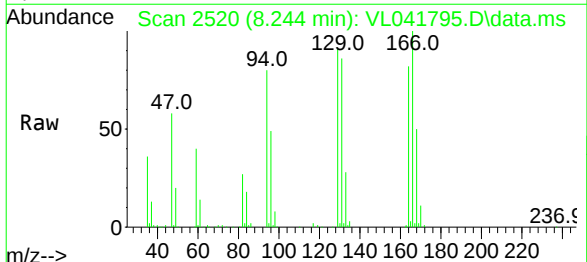
Manual Integrations
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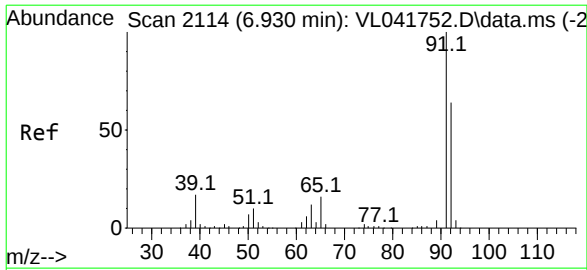
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#52
Tetrachloroethene
Concen: 7.729 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. 0.022 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion:164 Resp: 54531
Ion Ratio Lower Upper
164 100
166 122.5 99.8 149.6
129 111.1 79.6 119.4
131 105.4 78.6 117.8





#53

Toluene

Concen: 8.265 ppbv

RT: 6.952 min Scan# 2114

Delta R.T. 0.022 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_L

ClientSampleId :

VL1218ABS01

Tgt Ion: 91 Resp: 177625

Ion Ratio Lower Upper

91 100

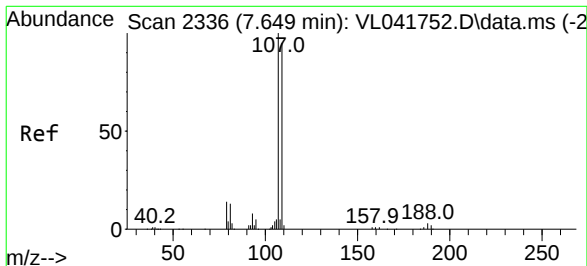
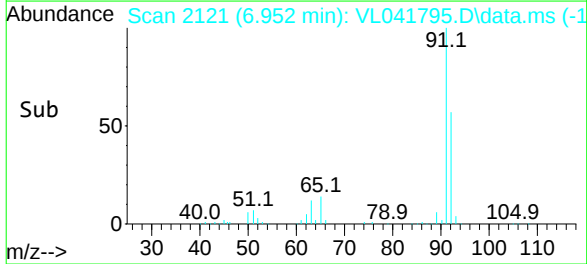
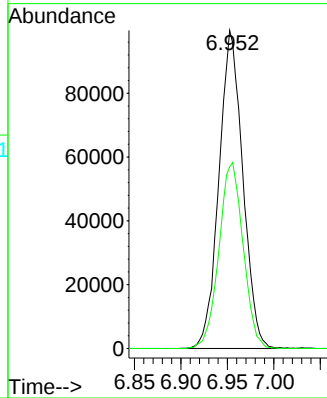
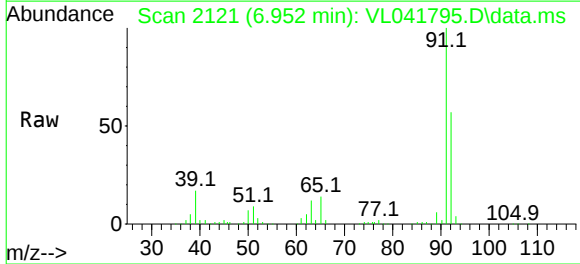
92 59.4 47.9 71.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/19/2024

Supervised By :Mahesh Dadoda 12/19/2024



#54

1,2-Dibromoethane

Concen: 9.161 ppbv

RT: 7.671 min Scan# 2343

Delta R.T. 0.022 min

Lab File: VL041795.D

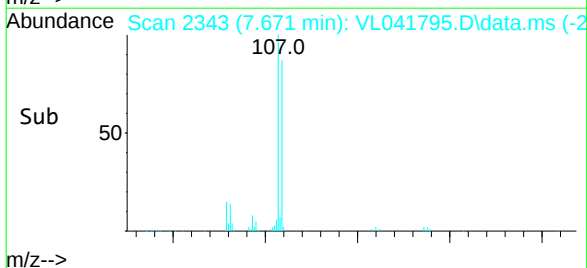
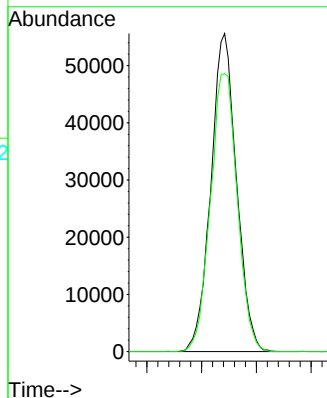
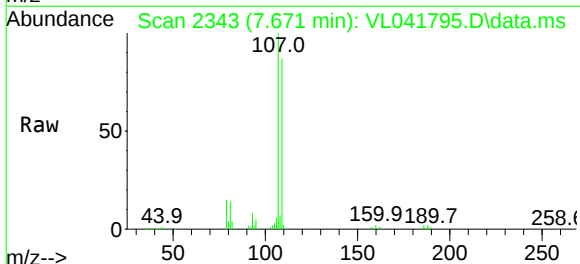
Acq: 18 Dec 2024 16:06

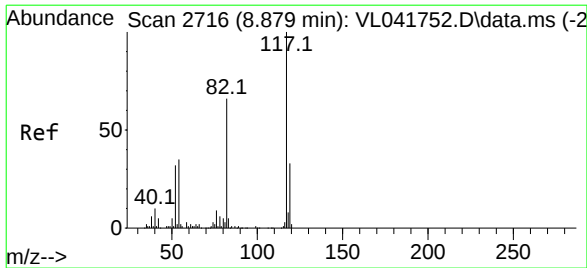
Tgt Ion:107 Resp: 90389

Ion Ratio Lower Upper

107 100

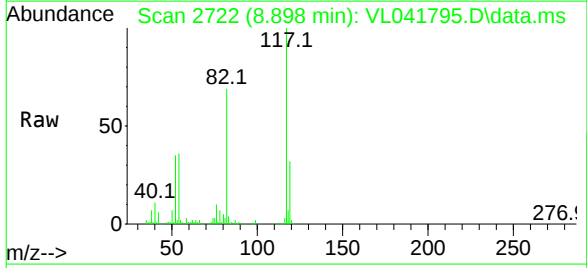
109 87.4 75.9 113.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2716
Delta R.T. 0.019 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

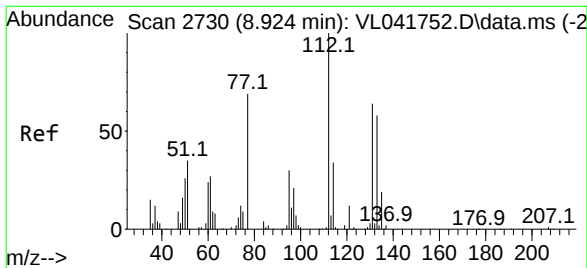
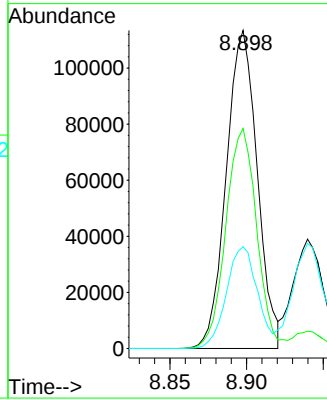
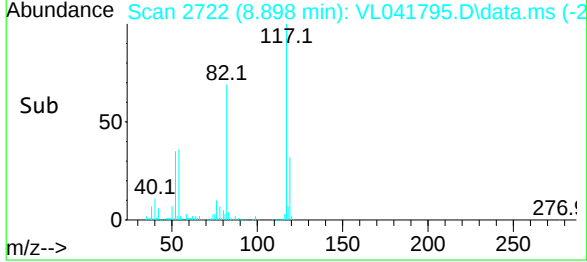
Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01



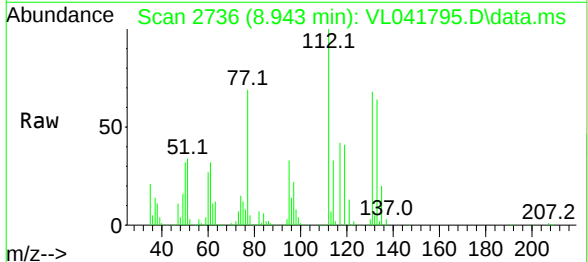
Tgt Ion:117 Resp: 159496
Ion Ratio Lower Upper
117 100
82 74.0 53.8 80.8
119 32.0 26.7 40.1

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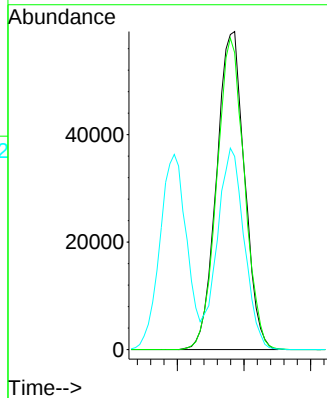
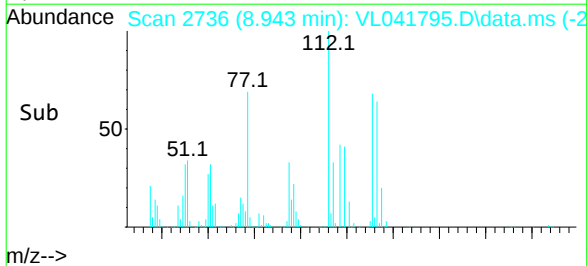
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024

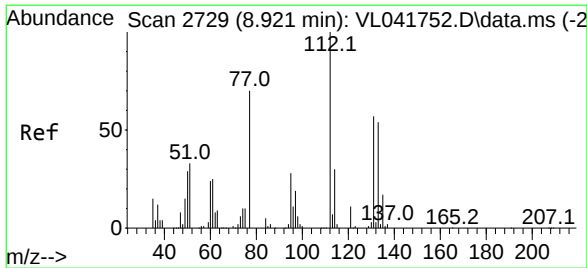


#56
1,1,1,2-Tetrachloroethane
Concen: 10.202 ppbv
RT: 8.943 min Scan# 2736
Delta R.T. 0.019 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06



Tgt Ion:131 Resp: 86262
Ion Ratio Lower Upper
131 100
133 96.4 76.8 115.2
119 61.2 49.0 73.6





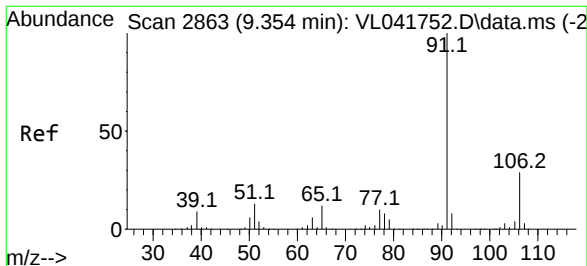
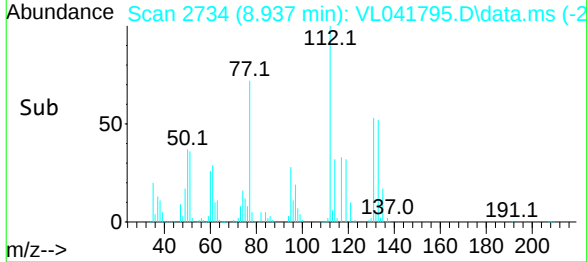
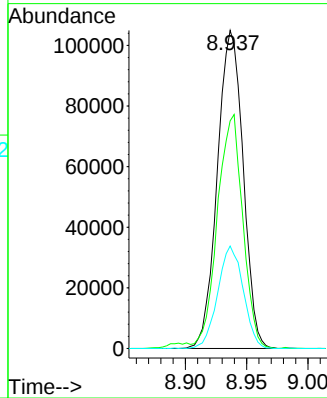
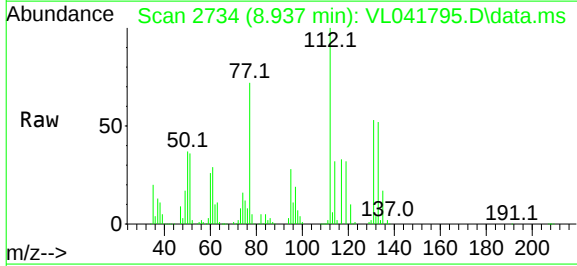
#57
Chlorobenzene
Concen: 9.415 ppbv
RT: 8.937 min Scan# 2729
Delta R.T. 0.016 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

Tgt Ion: 112 Resp: 153659
Ion Ratio Lower Upper
112 100
77 71.6 57.4 86.0
114 32.2 27.4 33.4

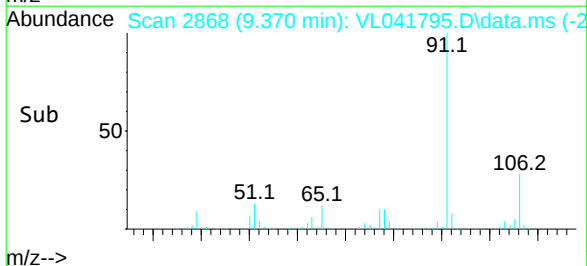
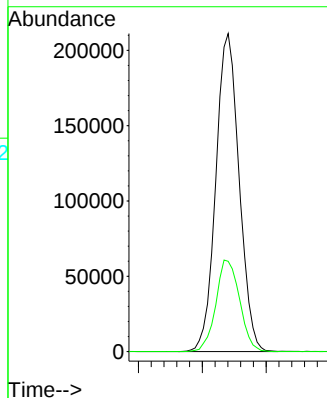
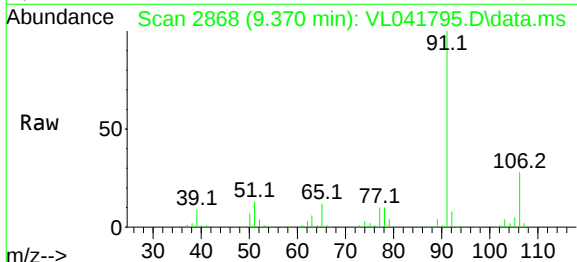
Manual Integrations
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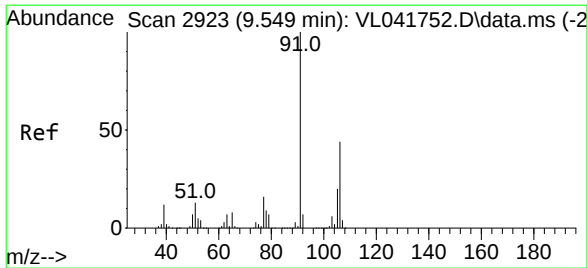
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#58
Ethyl Benzene
Concen: 9.326 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. 0.016 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

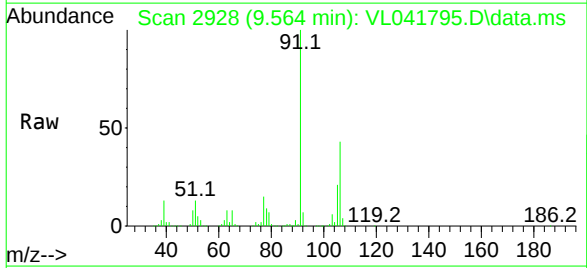
Tgt Ion: 91 Resp: 267795
Ion Ratio Lower Upper
91 100
106 28.4 23.5 35.3





#59
m/p-Xylene
Concen: 19.747 ppbv m
RT: 9.564 min Scan# 29
Delta R.T. 0.016 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

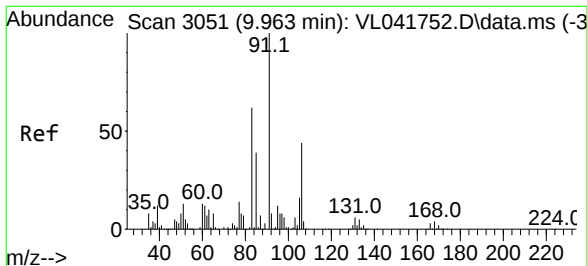
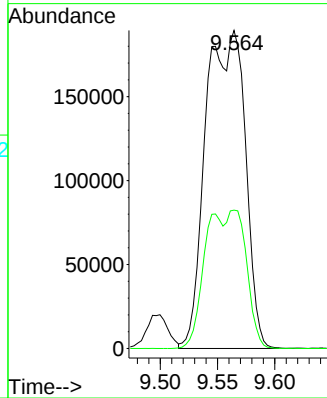
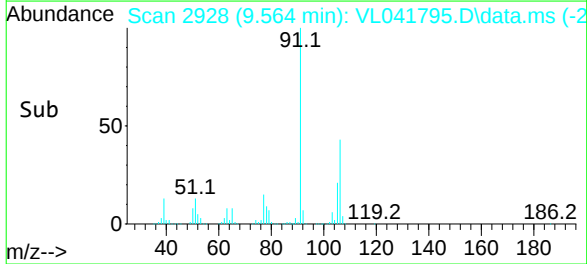
Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01



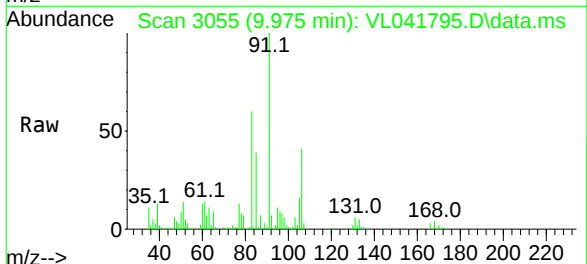
Tgt Ion: 91 Resp: 455916
Ion Ratio Lower Upper
91 100
106 45.0 0.0 0.0#

Manual Integrations
APPROVED

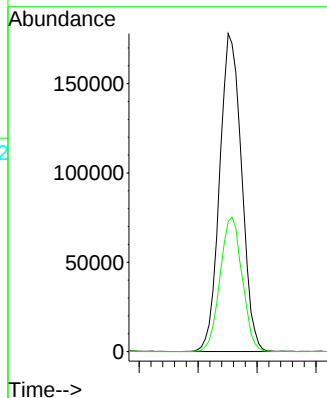
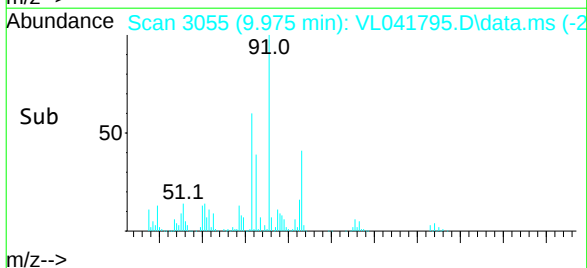
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024

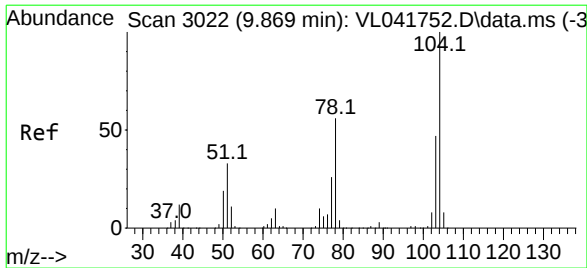


#60
o-Xylene
Concen: 9.930 ppbv
RT: 9.975 min Scan# 3055
Delta R.T. 0.013 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06



Tgt Ion: 91 Resp: 229919
Ion Ratio Lower Upper
91 100
106 42.5 21.1 63.4





#61

Styrene

Concen: 9.543 ppbv

RT: 9.885 min Scan# 3022

Delta R.T. 0.016 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_L

ClientSampleId :

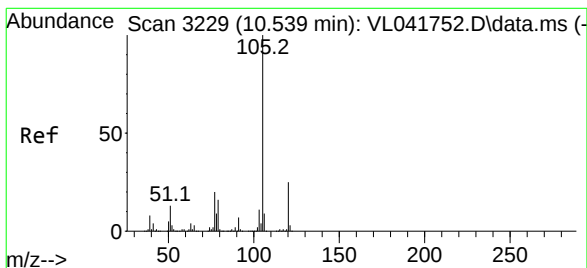
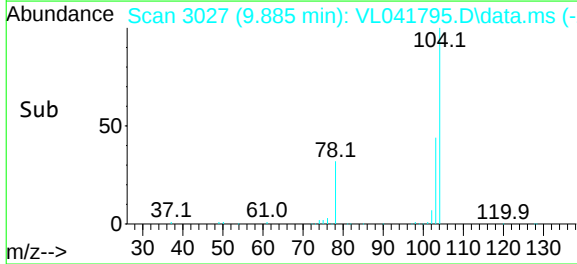
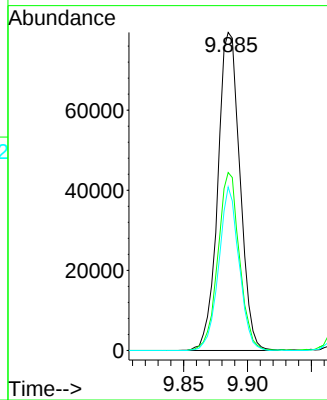
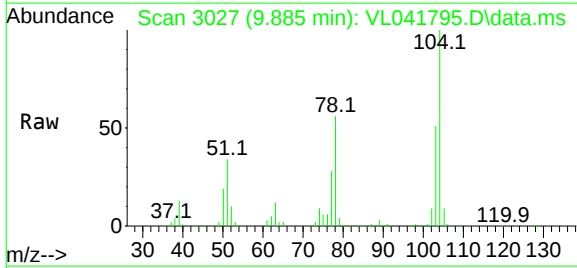
VL1218ABS01

Tgt Ion:	104	Resp:	95536
Ion Ratio	Lower	Upper	
104	100		
78	54.4	43.8	65.6
103	47.1	37.8	56.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#62

Isopropylbenzene

Concen: 9.762 ppbv

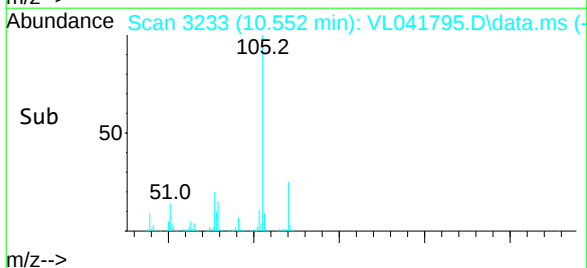
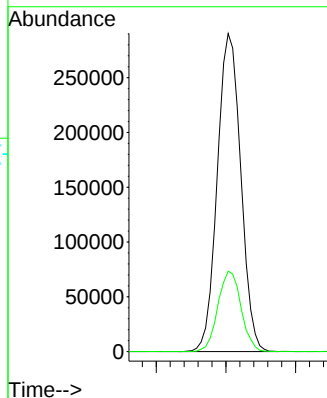
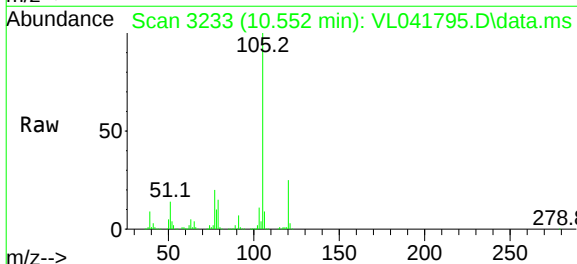
RT: 10.552 min Scan# 3233

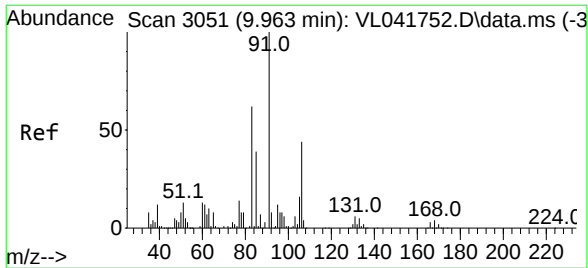
Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Tgt Ion:	105	Resp:	339599
Ion Ratio	Lower	Upper	
105	100		
120	24.9	19.8	29.8





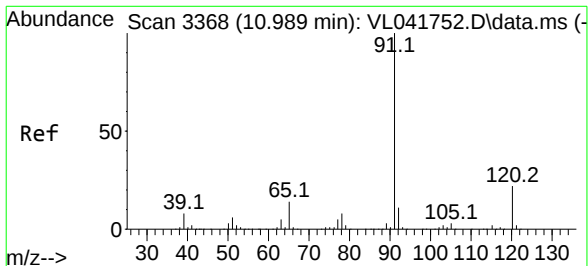
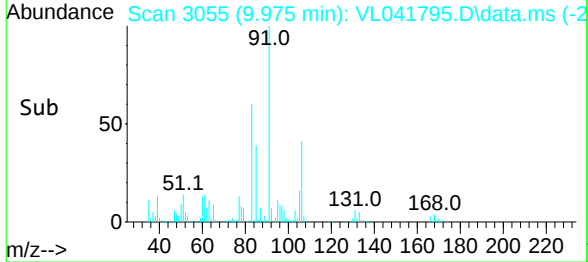
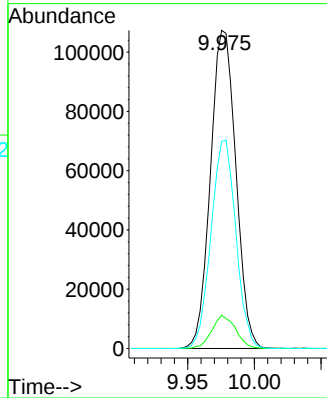
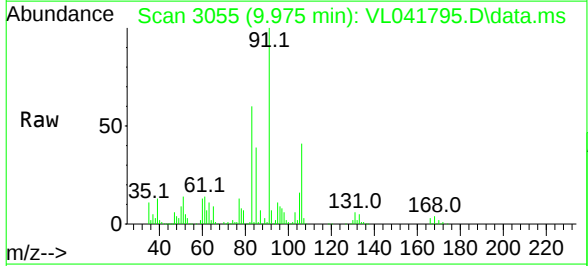
#63
1,1,2,2-Tetrachloroethane
Concen: 9.817 ppbv
RT: 9.975 min Scan# 3051
Delta R.T. 0.013 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	64.1	32.0	96.2

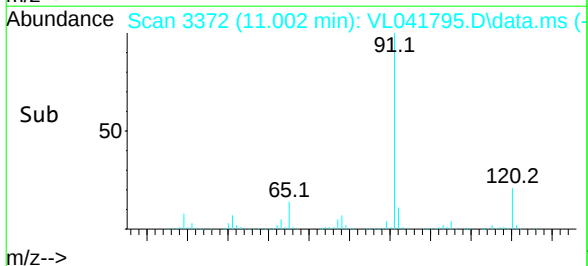
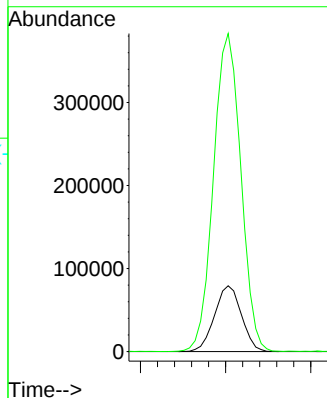
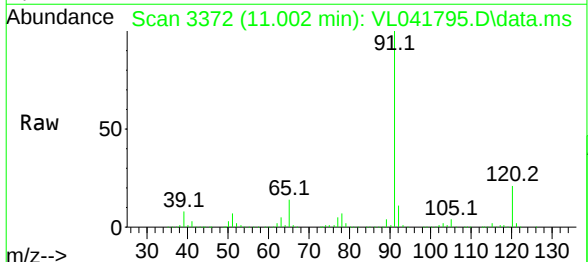
Manual Integrations
APPROVED

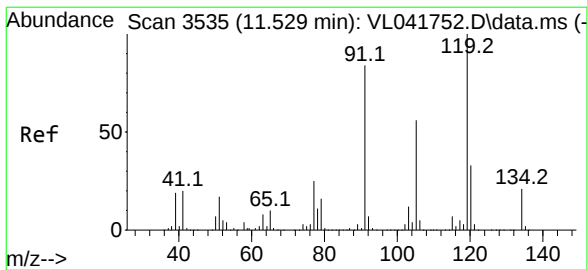
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#64
n-propylbenzene
Concen: 9.880 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. 0.013 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion	Ratio	Lower	Upper
120	100		
91	493.0	387.3	580.9





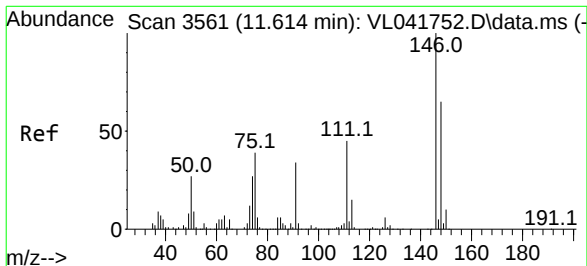
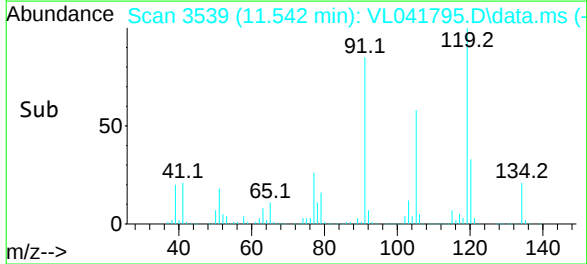
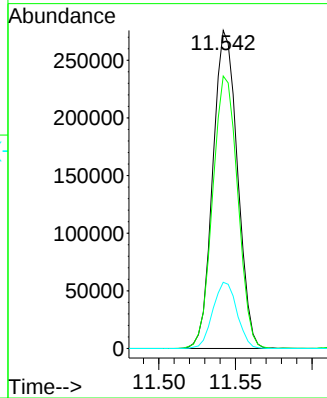
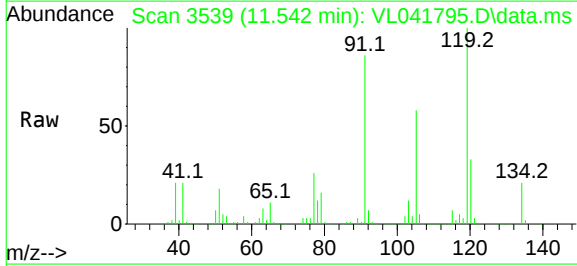
#65
tert-Butylbenzene
Concen: 9.808 ppbv
RT: 11.542 min Scan# 3535
Delta R.T. 0.013 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

Tgt Ion:	119	Resp:	307835
Ion	Ratio	Lower	Upper
119	100		
91	87.3	67.0	100.4
134	20.4	16.5	24.7

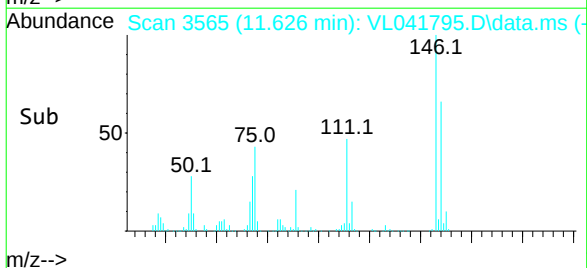
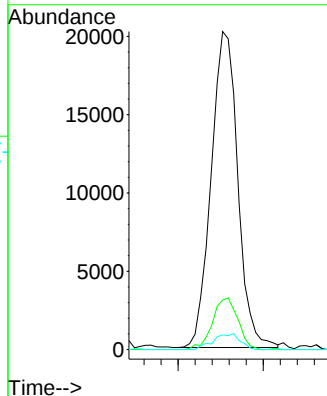
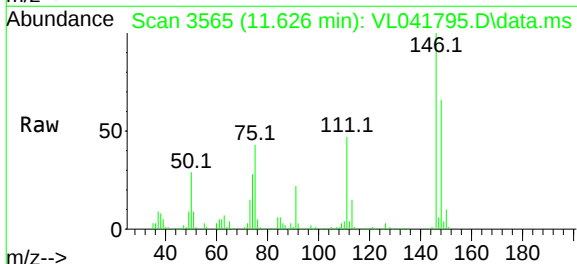
Manual Integrations
APPROVED

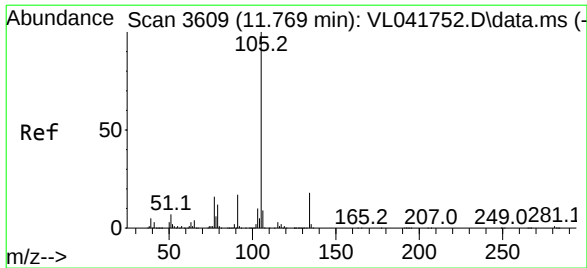
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#66
Benzyl Chloride
Concen: 7.936 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.013 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

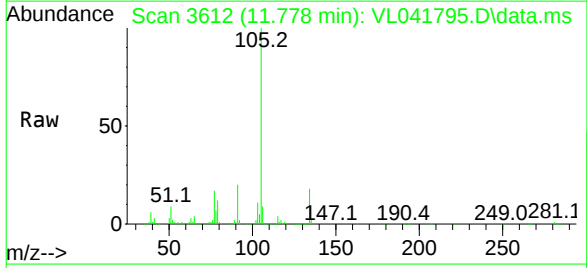
Tgt Ion:	91	Resp:	21939
Ion	Ratio	Lower	Upper
91	100		
126	15.7	13.9	20.9
128	5.1	4.4	6.6





#67
sec-Butylbenzene
Concen: 10.167 ppbv
RT: 11.778 min Scan# 3609
Delta R.T. 0.009 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

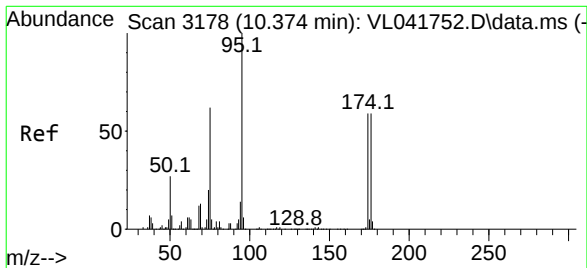
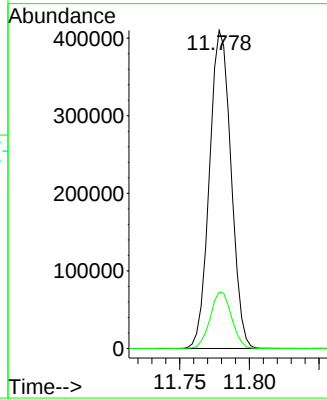
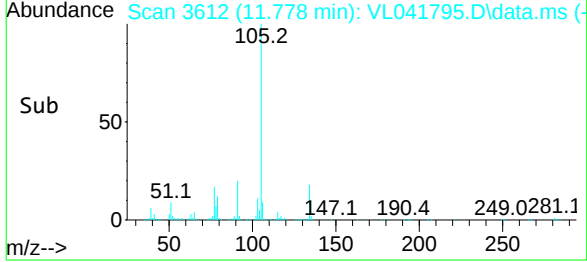
Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01



Tgt Ion: 105 Resp: 441578
Ion Ratio Lower Upper
105 100
134 17.6 14.5 21.7

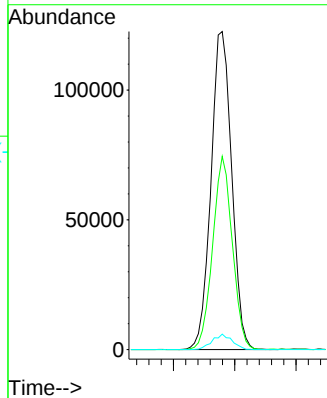
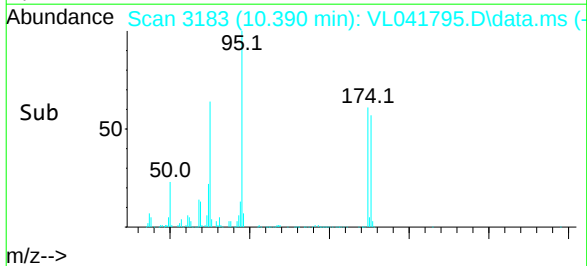
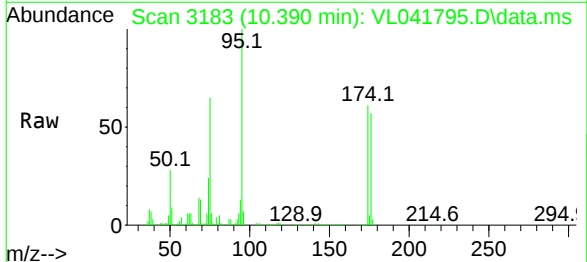
Manual Integrations
APPROVED

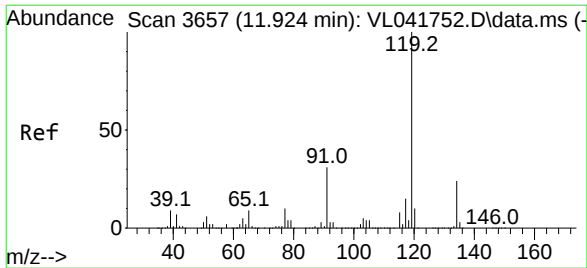
Reviewed By : Semsettin Yesilyurt 12/19/2024
Supervised By : Mahesh Dadoda 12/19/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.825 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. 0.016 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion: 95 Resp: 143879
Ion Ratio Lower Upper
95 100
174 57.9 47.6 71.4
175 4.6 3.7 5.5





#69

p-Isopropyltoluene

Concen: 10.229 ppbv

RT: 11.937 min Scan# 3661

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_L

ClientSampleId :

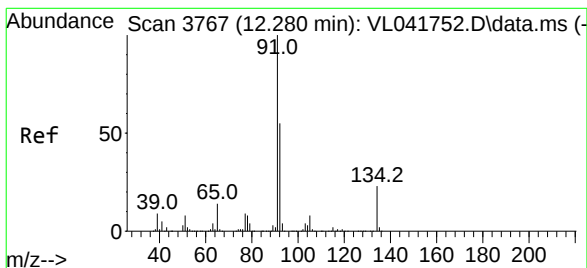
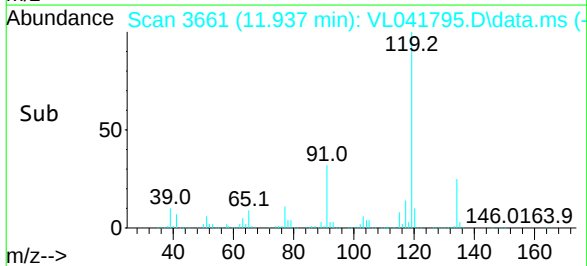
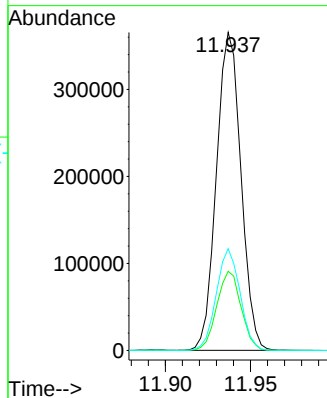
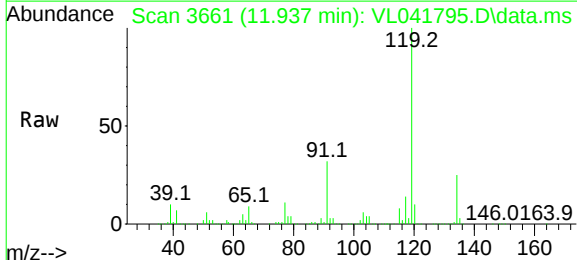
VL1218ABS01

Tgt Ion:	119	Resp:	366111
Ion	Ratio	Lower	Upper
119	100		
134	24.7	19.6	29.4
91	31.3	24.4	36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#70

n-Butylbenzene

Concen: 10.597 ppbv

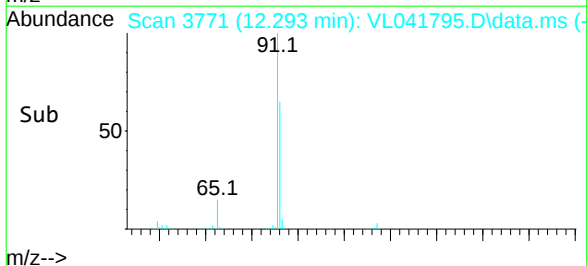
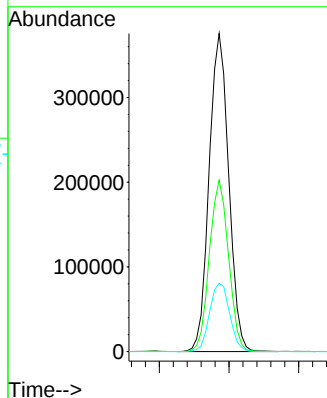
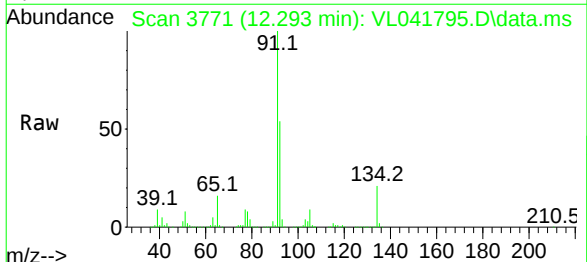
RT: 12.293 min Scan# 3771

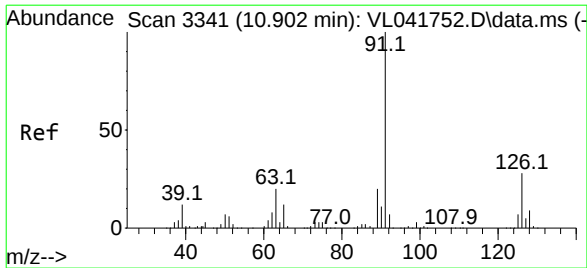
Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

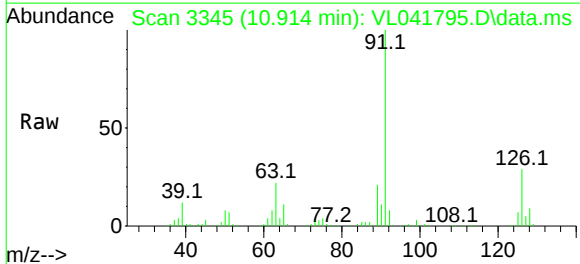
Tgt Ion:	91	Resp:	366451
Ion	Ratio	Lower	Upper
91	100		
92	52.8	43.2	64.8
134	22.0	18.2	27.4





#71
2-Chlorotoluene
Concen: 9.622 ppbv
RT: 10.914 min Scan# 3341
Delta R.T. 0.013 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

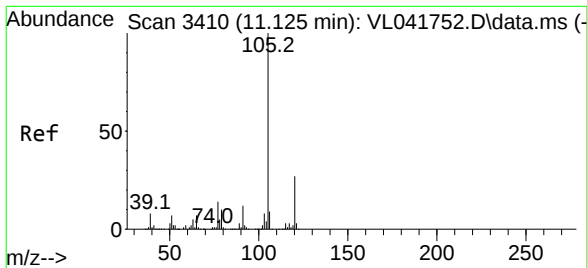
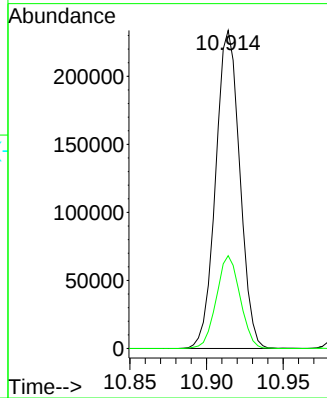
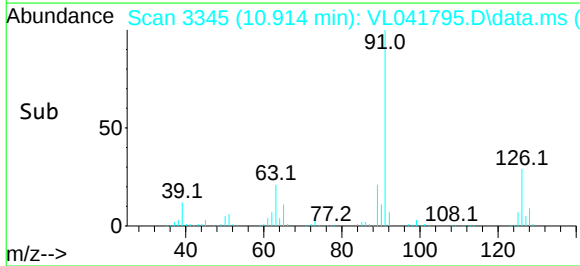
Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01



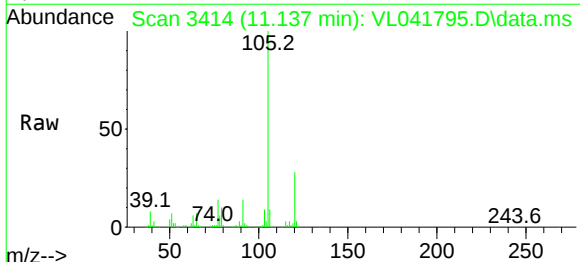
Tgt Ion: 91 Resp: 255496
Ion Ratio Lower Upper
91 100
126 28.7 11.6 46.4

Manual Integrations
APPROVED

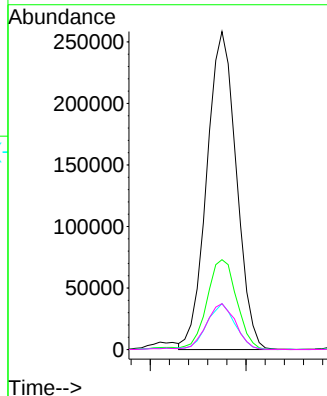
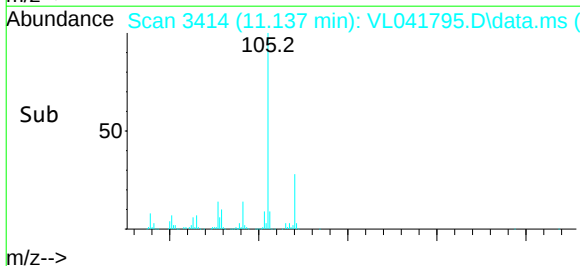
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024

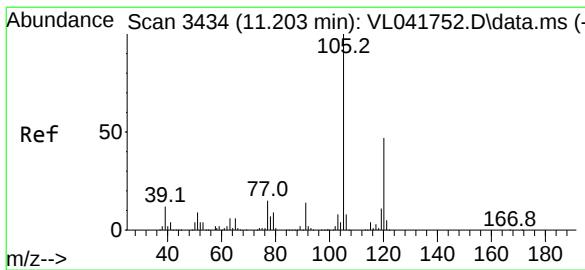


#72
4-Ethyltoluene
Concen: 10.137 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. 0.013 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06



Tgt Ion:105 Resp: 277025
Ion Ratio Lower Upper
105 100
120 29.1 23.3 34.9
91 14.4 10.9 16.3
77 14.8 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 10.613 ppbv

RT: 11.215 min Scan# 341

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_L

ClientSampleId :

VL1218ABS01

Tgt Ion:105 Resp: 240648

Ion Ratio Lower Upper

105 100

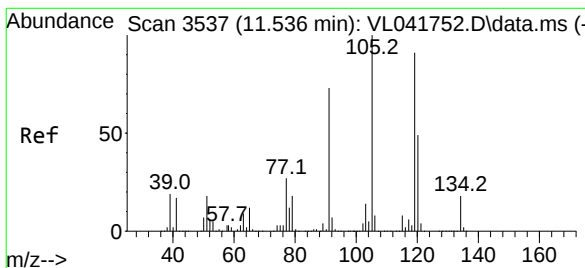
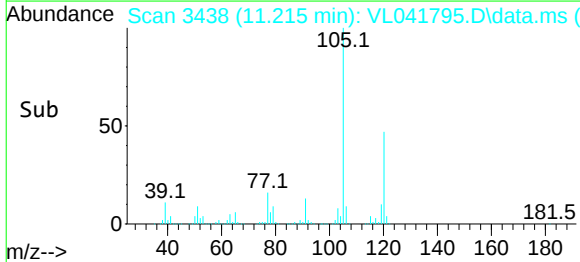
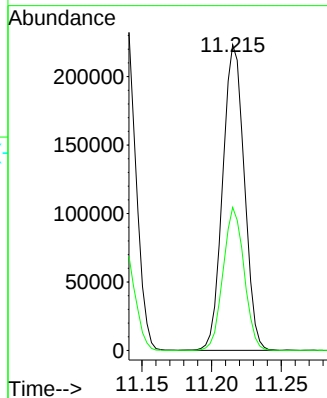
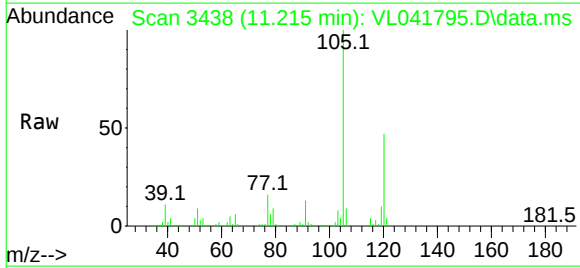
120 46.8 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024

Supervised By :Mahesh Dadoda 12/19/2024



#74

1,2,4-Trimethylbenzene

Concen: 10.679 ppbv

RT: 11.548 min Scan# 3541

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Tgt Ion:105 Resp: 260378

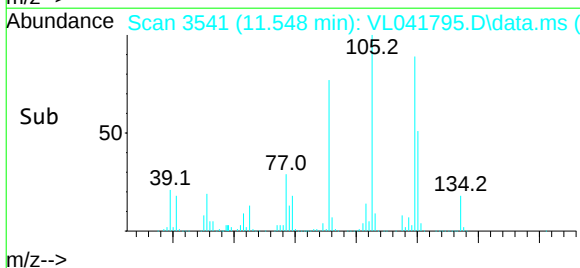
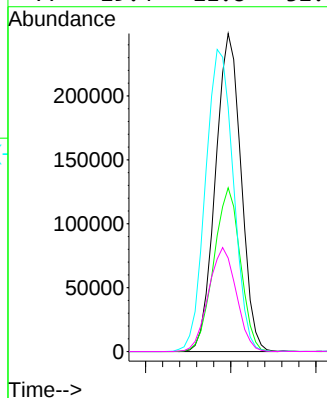
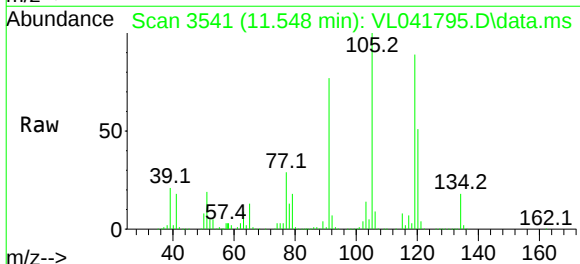
Ion Ratio Lower Upper

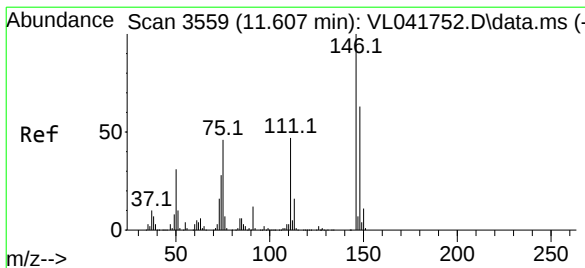
105 100

120 51.5 39.0 58.4

91 76.7 58.1 87.1

77 29.4 21.8 32.8





#75

1,3-Dichlorobenzene

Concen: 9.809 ppbv

RT: 11.620 min Scan# 3559

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_L

ClientSampleId :

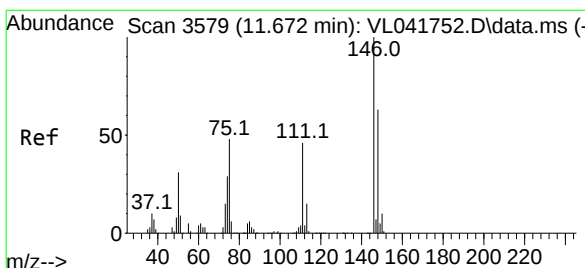
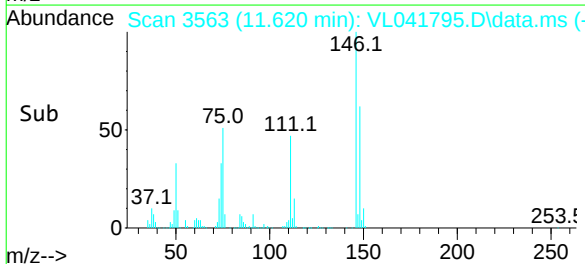
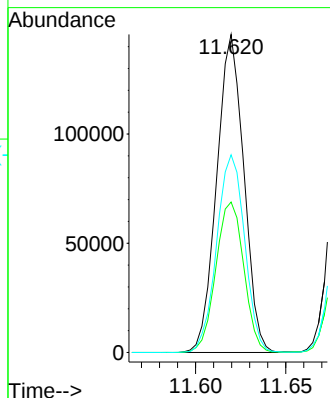
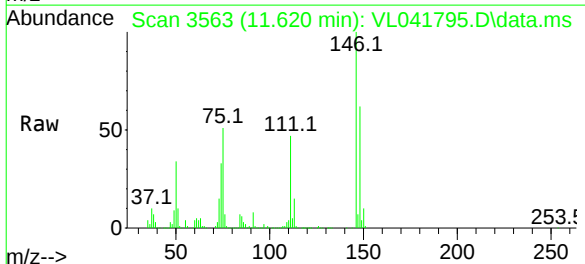
VL1218ABS01

Tgt	Ion:146	Resp:	152493
Ion	Ratio	Lower	Upper
146	100		
111	48.7	23.4	70.3
148	64.1	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#76

1,4-Dichlorobenzene

Concen: 9.926 ppbv

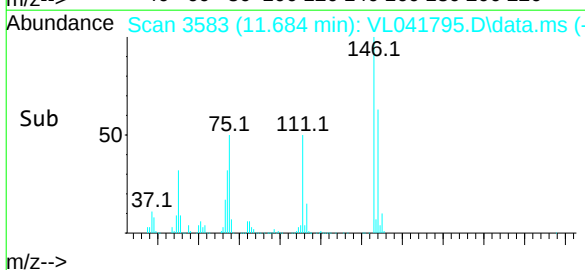
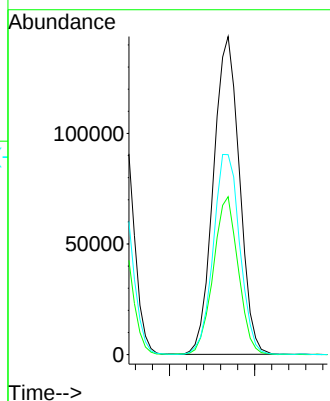
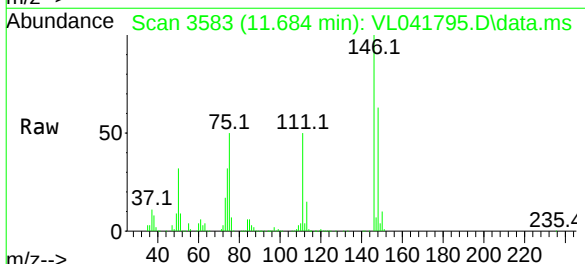
RT: 11.684 min Scan# 3583

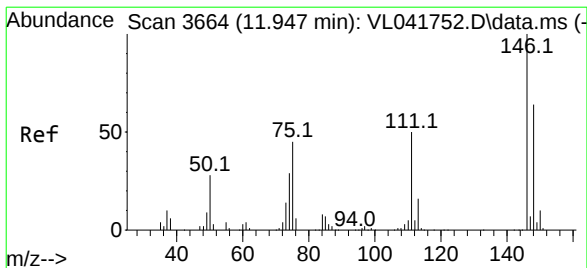
Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Tgt	Ion:146	Resp:	152432
Ion	Ratio	Lower	Upper
146	100		
111	47.8	22.7	68.1
148	64.5	31.4	94.0





#77

1,2-Dichlorobenzene

Concen: 9.922 ppbv

RT: 11.960 min Scan# 3668

Delta R.T. 0.013 min

Lab File: VL041795.D

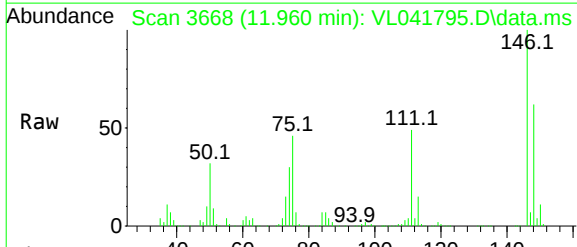
Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_L

ClientSampleId :

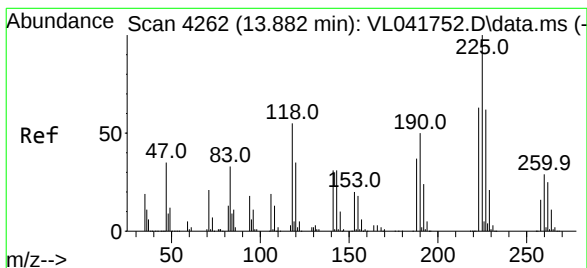
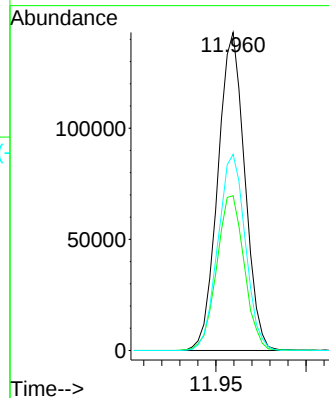
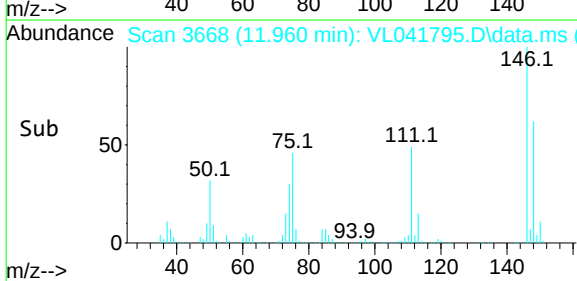
VL1218ABS01



Tgt Ion:	146	Resp:	148412
Ion	Ratio	Lower	Upper
146	100		
111	50.0	24.8	74.3
148	62.8	31.8	95.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#78

Hexachloro-1,3-Butadiene

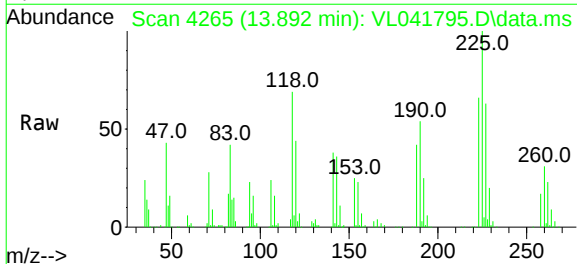
Concen: 7.987 ppbv

RT: 13.892 min Scan# 4265

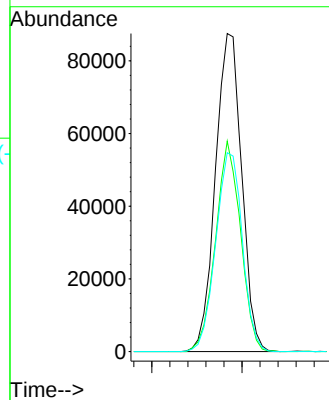
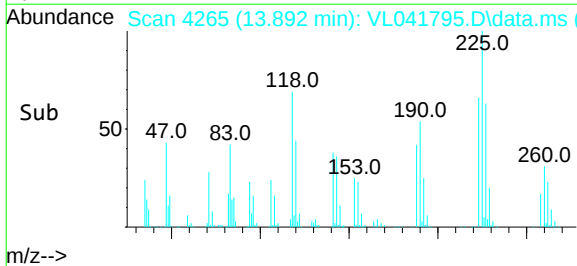
Delta R.T. 0.009 min

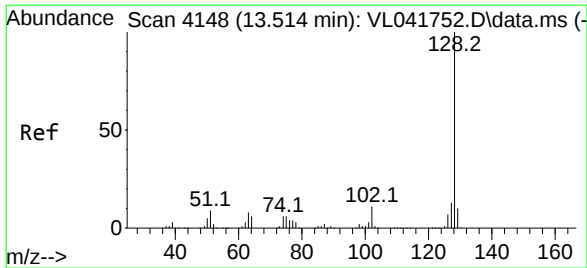
Lab File: VL041795.D

Acq: 18 Dec 2024 16:06



Tgt Ion:	225	Resp:	88582
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.5	75.7
227	63.3	50.3	75.5





#79

Naphthalene

Concen: 11.154 ppbv

RT: 13.523 min Scan# 41

Delta R.T. 0.009 min

Lab File: VL041795.D

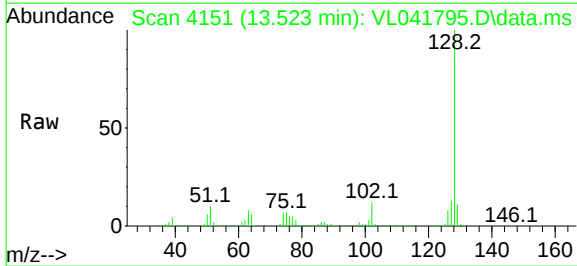
Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_L

ClientSampleId :

VL1218ABS01

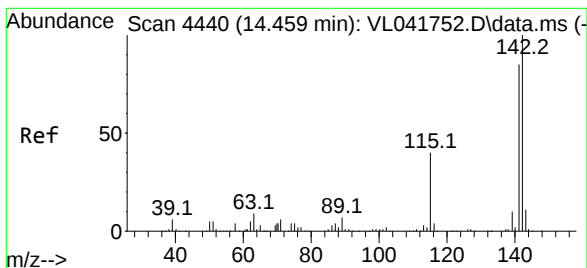
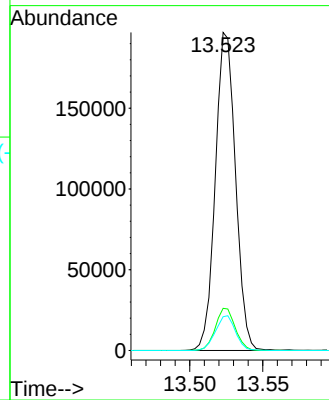
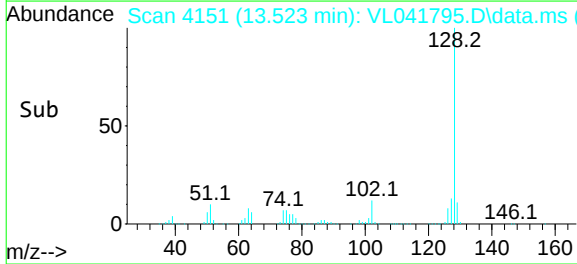


Tgt Ion:	128	Resp:	189506
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.7	16.1
129	10.6	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#80

Naphthalene,2-methyl-

Concen: 15.634 ppbv

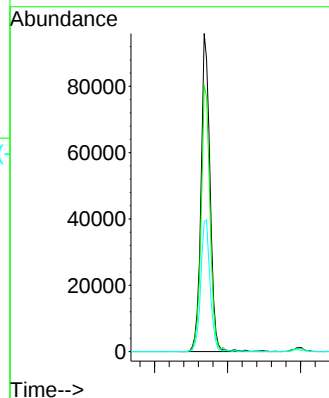
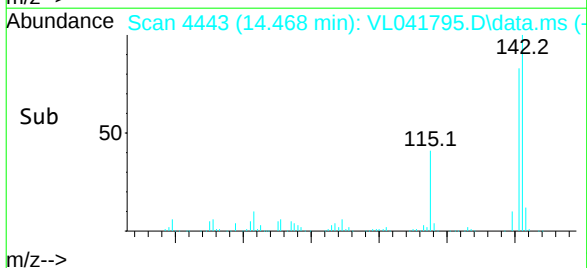
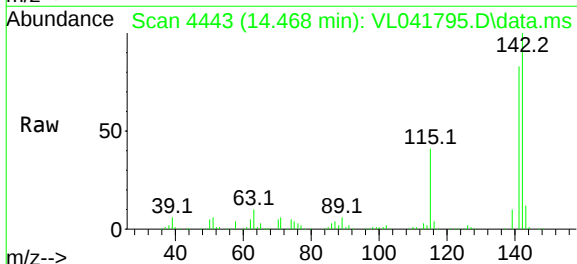
RT: 14.468 min Scan# 4443

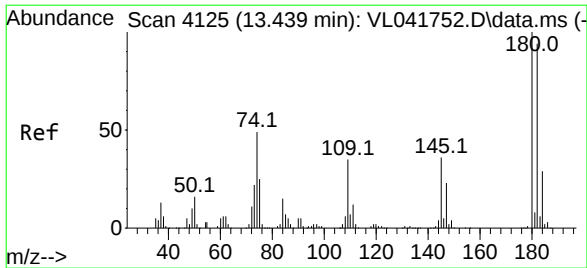
Delta R.T. 0.009 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

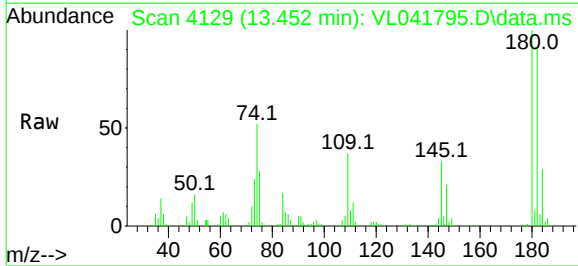
Tgt Ion:	142	Resp:	82155
Ion Ratio	Lower	Upper	
142	100		
141	82.5	68.4	102.6
115	43.2	32.5	48.7





#81
 1,2,4-Trichlorobenzene
 Concen: 9.592 ppbv
 RT: 13.452 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL041795.D
 Acq: 18 Dec 2024 16:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1218ABS01



Tgt Ion:	180	Resp:	89052
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.0	115.6
184	29.8	23.8	35.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024
 Supervised By :Mahesh Dadoda 12/19/2024

