

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112024\
 Data File : VL041699.D
 Acq On : 20 Nov 2024 13:15
 Operator : SY/MD
 Sample : VL1120ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1120ABS01

Quant Time: Nov 21 05:09:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Nov 08 01:01:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 11/21/2024
 Supervised By : Mahesh Dadoda 11/21/2024

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

Internal Standards						
1) Bromochloromethane	5.208	49	1163679	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.671	114	3239097	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.484	117	3236609m	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.793 95 2329378 9.768 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.745	85	1526580	7.258	ppbv	99
3) Chlorodifluoromethane	2.687	51	1354532	8.934	ppbv	99
4) Chloromethane	2.829	50	744862	9.275	ppbv	96
5) Vinyl Chloride	2.935	62	719166	9.955	ppbv	100
6) Bromomethane	3.134	94	362376	9.456	ppbv	99
7) Chloroethane	3.211	64	242910	9.213	ppbv	99
8) Dichlorotetrafluoroethane	2.870	85	1692833	9.016	ppbv	99
9) Propene	2.710	41	596424	9.028	ppbv	100
10) Heptane	7.594	43	1524430	10.297	ppbv	99
11) Trichlorofluoromethane	3.578	101	1716777	9.371	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.083	101	1253402	9.413	ppbv	99
13) Ethanol	3.263	45	35922m	8.880	ppbv	
14) Bromoethene	3.382	108	504396	9.423	ppbv	98
15) Acetone	3.481	43	1306457	9.122	ppbv	100
16) 1,3-Butadiene	2.999	39	715603	9.903	ppbv	100
17) tert-Butyl alcohol	3.893	59	1194748	9.507	ppbv	99
18) 1,1-Dichloroethene	3.893	96	557361	9.544	ppbv	94
19) Isopropyl Alcohol	3.591	45	622976	9.101	ppbv	98
20) Methylene Chloride	3.947	84	468186	8.884	ppbv	97
21) Allyl Chloride	4.012	41	874140	9.878	ppbv	99
22) trans-1,2-Dichloroethene	4.462	96	552930	9.522	ppbv	96
23) Vinyl Acetate	4.642	43	578556	9.164	ppbv	99
24) 1,1-Dichloroethane	4.578	63	1200413	9.261	ppbv	99
25) Ethyl Acetate	5.221	43	2817969	9.506	ppbv	100
26) Hexane	5.227	57	1108983	9.737	ppbv	99
27) Carbon Disulfide	4.140	76	1366173	10.677	ppbv	100
28) Methyl tert-Butyl Ether	4.600	73	647293	8.826	ppbv	99
29) Chloroform	5.291	83	1773915	9.436	ppbv	100
30) Cyclohexane	6.619	84	951807	9.815	ppbv	99
31) cis-1,2-Dichloroethene	5.095	61	1074877	9.810	ppbv	99
32) 1,1,1-Trichloroethane	6.018	97	1728793	10.080	ppbv	99
34) 2-Butanone	4.800	43	1501583	9.310	ppbv	99
35) Carbon Tetrachloride	6.510	117	1826480	10.688	ppbv	99
36) Benzene	6.388	78	2387291	9.947	ppbv	99
37) 1,2-Dichloroethane	5.822	62	1319263	9.744	ppbv	99
38) Trichloroethene	7.307	130	980257	10.635	ppbv	99
39) 1,2-Dichloropropane	7.092	63	925581	9.759	ppbv	98
40) 1,4-Dioxane	7.301	88	360556	10.596	ppbv	99
41) Tetrahydrofuran	5.571	42	944780	10.257	ppbv	99
42) Bromodichloromethane	7.269	83	1909198	10.147	ppbv	99
43) Methyl Methacrylate	7.491	69	920452	10.923	ppbv	99
44) 2,2,4-Trimethylpentane	7.343	57	4048166	9.958	ppbv	100
45) t-1,3-Dichloropropene	8.729	75	880781	11.439	ppbv	97

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Instrument :
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 ClientSampleId :
 VL1120ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/21/2024
 Supervised By : Mahesh Dadoda 11/21/2024

Quant Time: Nov 21 05:09:19 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Nov 08 01:01:00 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.160	75	1226432	11.089	ppbv	97
47) 1,1,2-Trichloroethane	8.918	97	1003450	9.776	ppbv	98
48) Dibromochloromethane	9.729	129	1658425	10.628	ppbv	100
49) Bromoform	12.423	173	1485005	11.123	ppbv	100
50) 4-Methyl-2-Pentanone	8.198	43	2593146	10.473	ppbv	100
51) 2-Hexanone	9.568	43	2018735	11.196	ppbv	99
52) Tetrachloroethene	10.632	164	887903	10.856	ppbv	98
53) Toluene	9.237	91	2780287	11.016	ppbv	99
54) 1,2-Dibromoethane	10.028	107	1343883	11.206	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.526	131	1272657	9.534	ppbv	99
57) Chlorobenzene	11.542	112	2224042	9.291	ppbv	98
58) Ethyl Benzene	12.105	91	3779084	10.650	ppbv	99
59) m/p-Xylene	12.391	91	6496748m	20.446	ppbv	
60) o-Xylene	13.076	91	3111959	10.271	ppbv	100
61) Styrene	12.915	104	1503740	12.024	ppbv	100
62) Isopropylbenzene	14.047	105	4628133	9.890	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.066	83	2179613	9.779	ppbv	100
64) n-propylbenzene	14.931	120	1264315	10.321	ppbv	99
65) tert-Butylbenzene	16.108	119	4185885	9.953	ppbv	100
66) Benzyl Chloride	16.349	91	362387m	11.200	ppbv	
67) sec-Butylbenzene	16.651	105	5912468	9.974	ppbv	100
69) p-Isopropyltoluene	17.011	119	4955798	10.341	ppbv	100
70) n-Butylbenzene	17.902	91	5094738	10.390	ppbv	100
71) 2-Chlorotoluene	14.818	91	3506297	10.366	ppbv	100
72) 4-Ethyltoluene	15.211	105	3790505	10.760	ppbv	99
73) 1,3,5-Trimethylbenzene	15.368	105	3243824	10.494	ppbv	99
74) 1,2,4-Trimethylbenzene	16.124	105	3596562	10.016	ppbv	99
75) 1,3-Dichlorobenzene	16.349	146	2210855	9.942	ppbv	99
76) 1,4-Dichlorobenzene	16.490	146	2115126	9.858	ppbv	99
77) 1,2-Dichlorobenzene	17.162	146	2154411	9.780	ppbv	100
78) Hexachloro-1,3-Butadiene	22.651	225	1448199	8.312	ppbv	100
79) Naphthalene	21.403	128	2907132	13.117	ppbv	100
80) Naphthalene,2-methyl-	24.390	142	514199	10.643	ppbv	93
81) 1,2,4-Trichlorobenzene	21.159	180	1465322	10.513	ppbv	100

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

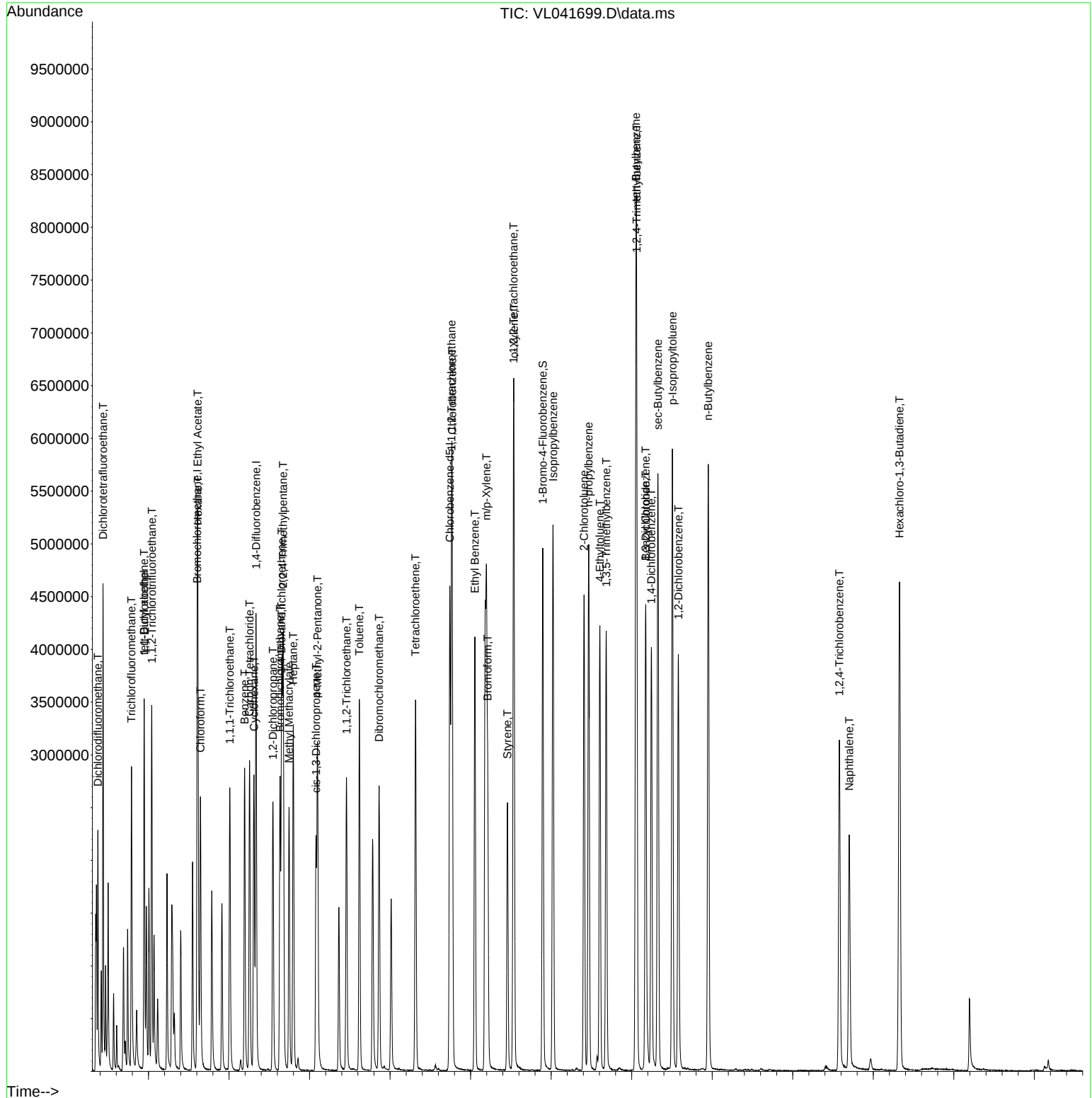
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Data File : VL041699.D
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ALS Vial : 1 Sample Multiplier: 1

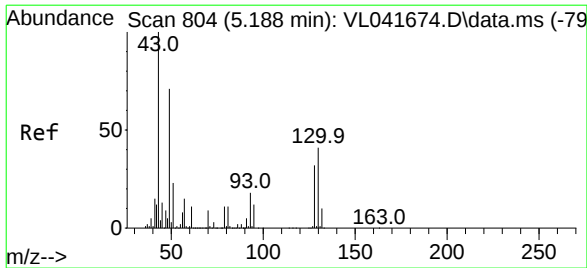
Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 11/21/2024
Supervised By : Mahesh Dadoda 11/21/2024

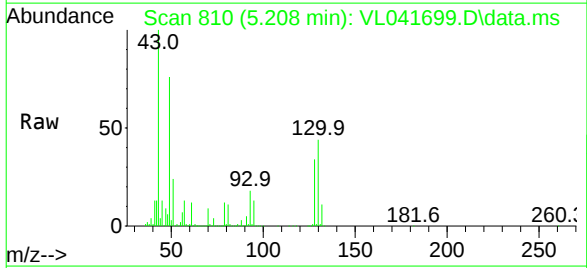
Quant Time: Nov 21 05:09:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
Qlast Update : Fri Nov 08 01:01:00 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.020 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

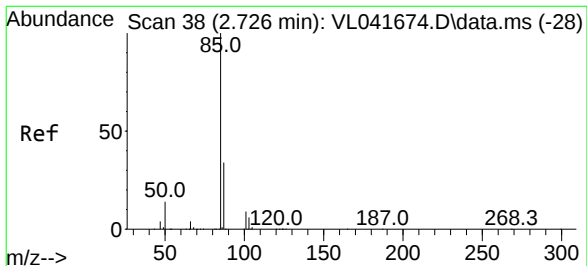
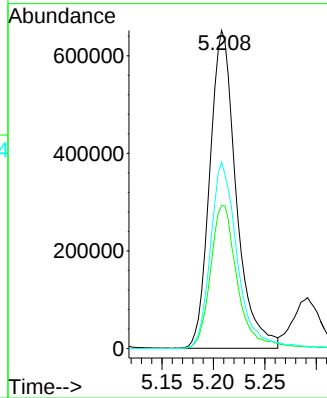
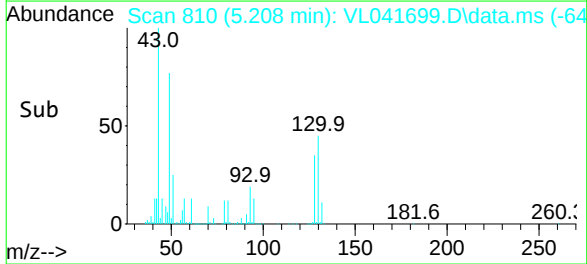
Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01



Tgt Ion: 49 Resp: 1163679
Ion Ratio Lower Upper
49 100
128 46.8 23.8 71.2
130 60.1 30.1 90.5

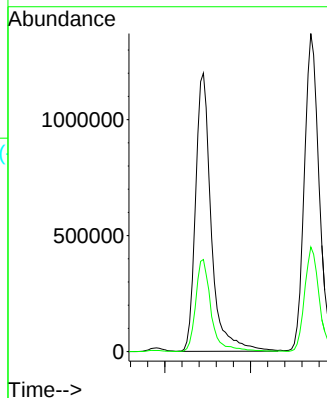
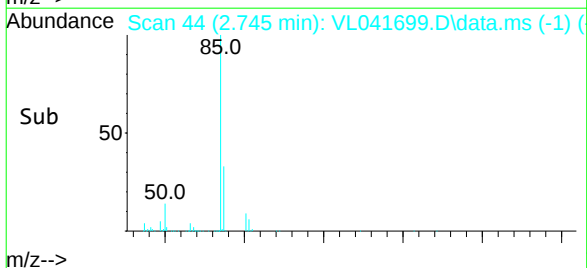
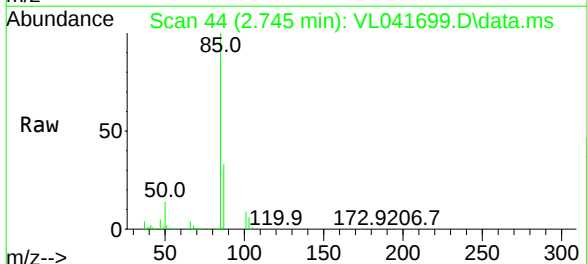
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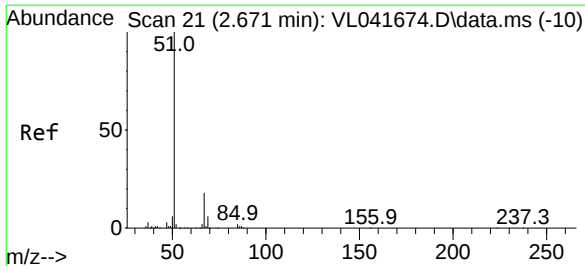
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#2
Dichlorodifluoromethane
Concen: 7.258 ppbv
RT: 2.745 min Scan# 44
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Tgt Ion: 85 Resp: 1526580
Ion Ratio Lower Upper
85 100
87 33.1 26.8 40.2





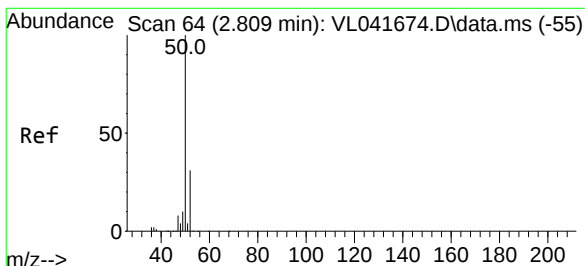
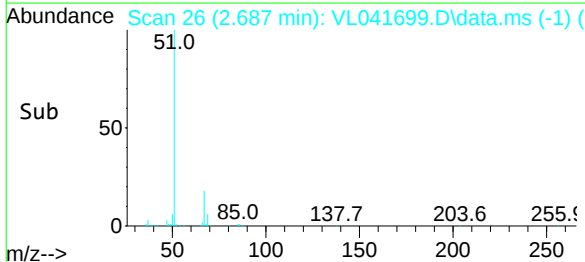
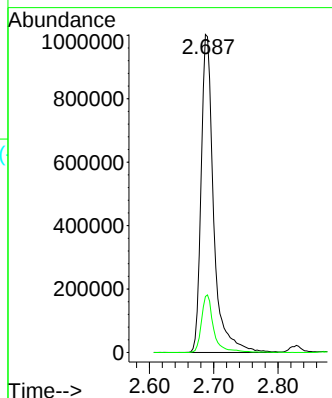
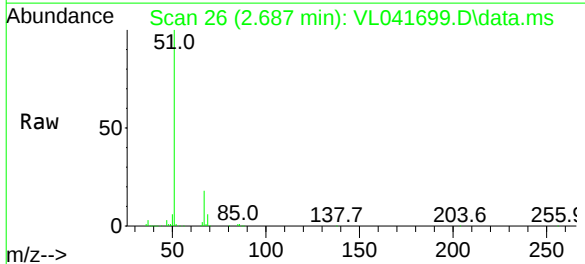
#3
Chlorodifluoromethane
Concen: 8.934 ppbv
RT: 2.687 min Scan# 26
Delta R.T. 0.016 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01

Tgt Ion: 51 Resp: 1354532
Ion Ratio Lower Upper
51 100
67 17.7 13.9 20.9

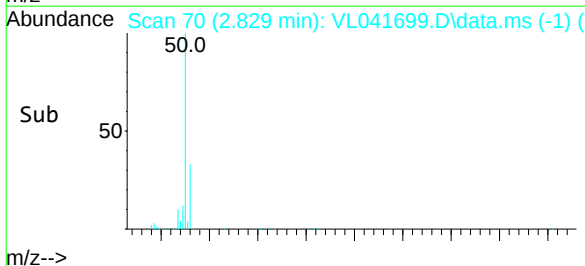
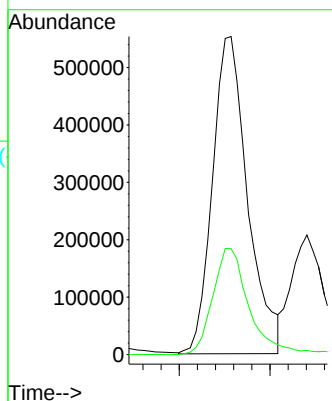
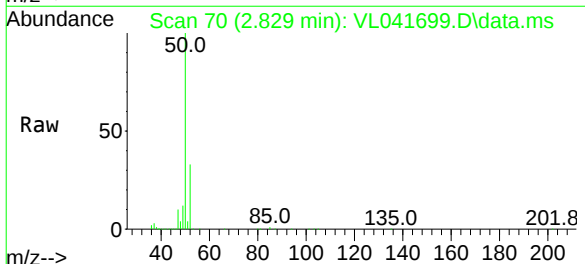
Manual Integrations
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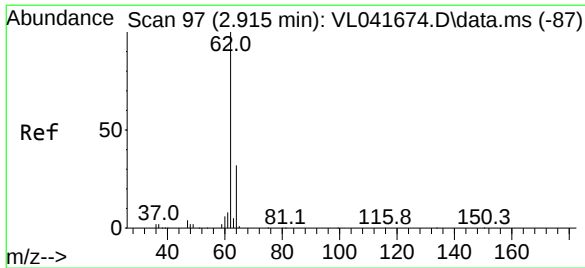
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#4
Chloromethane
Concen: 9.275 ppbv
RT: 2.829 min Scan# 70
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Tgt Ion: 50 Resp: 744862
Ion Ratio Lower Upper
50 100
52 33.4 24.9 37.3





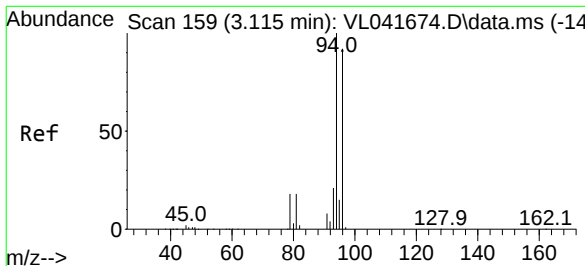
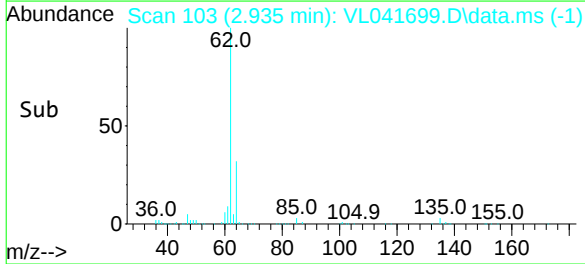
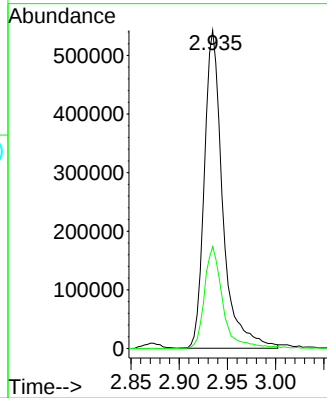
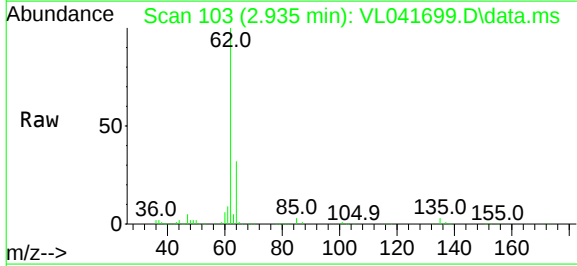
#5
Vinyl Chloride
Concen: 9.955 ppbv
RT: 2.935 min Scan# 10
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01

Tgt Ion: 62 Resp: 719166
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.2

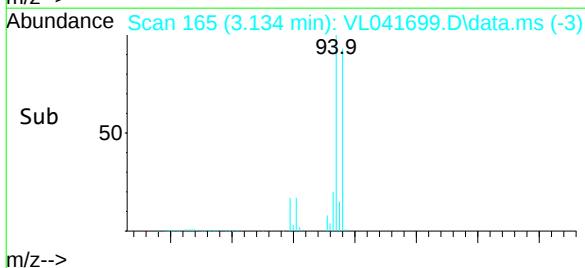
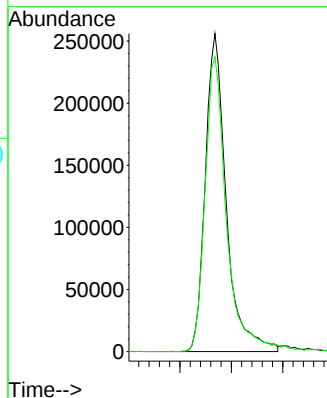
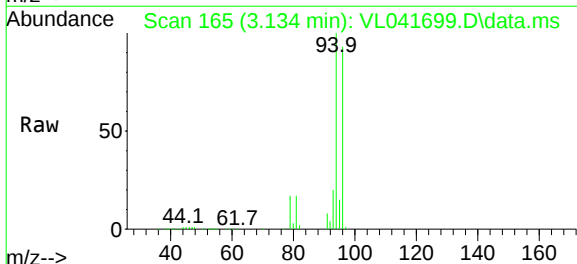
Manual Integrations
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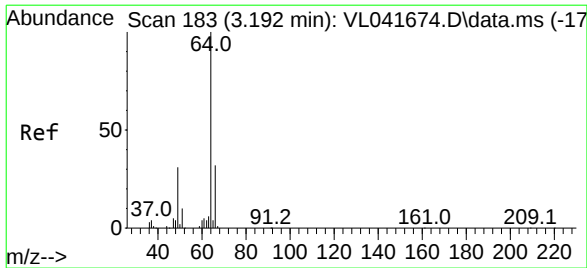
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#6
Bromomethane
Concen: 9.456 ppbv
RT: 3.134 min Scan# 165
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

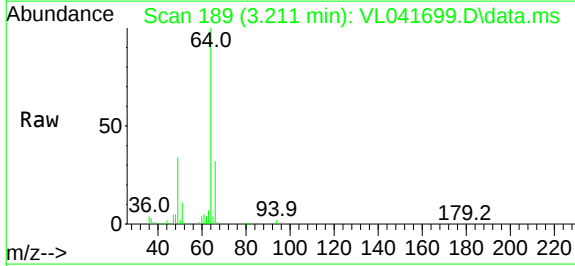
Tgt Ion: 94 Resp: 362376
Ion Ratio Lower Upper
94 100
96 92.7 73.4 110.2





#7
Chloroethane
Concen: 9.213 ppbv
RT: 3.211 min Scan# 18
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

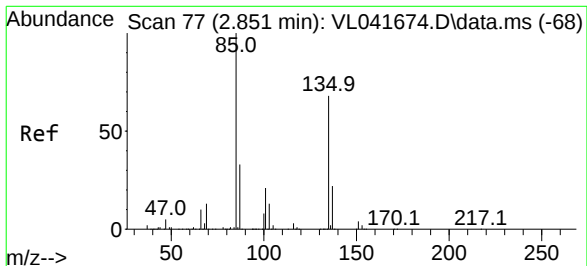
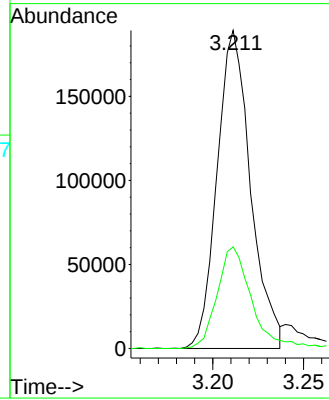
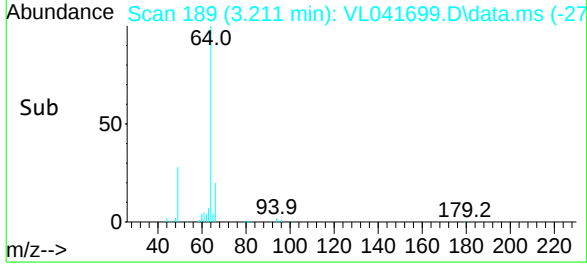
Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01



Tgt Ion: 64 Resp: 242916
Ion Ratio Lower Upper
64 100
66 31.9 25.9 38.9

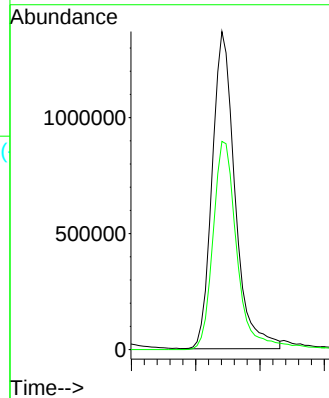
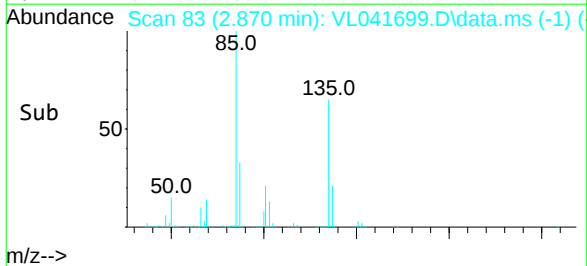
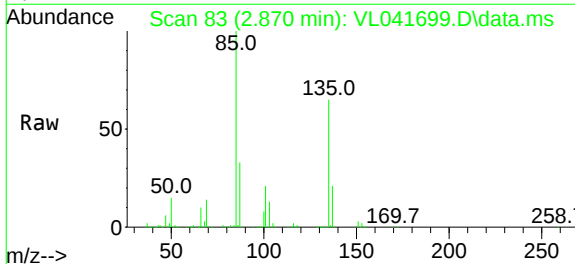
Manual Integrations
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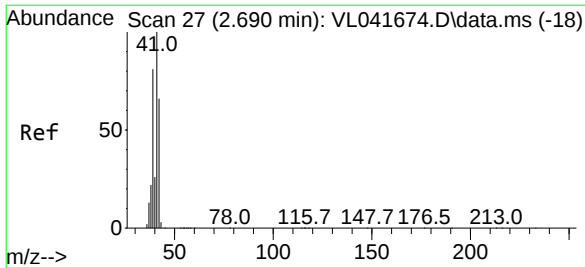
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#8
Dichlorotetrafluoroethane
Concen: 9.016 ppbv
RT: 2.870 min Scan# 83
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Tgt Ion: 85 Resp: 1692833
Ion Ratio Lower Upper
85 100
135 70.2 55.5 83.3





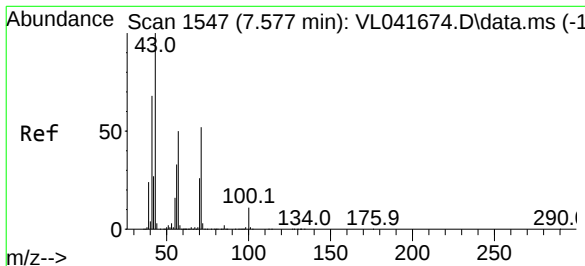
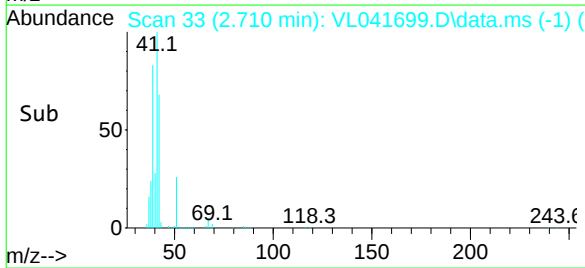
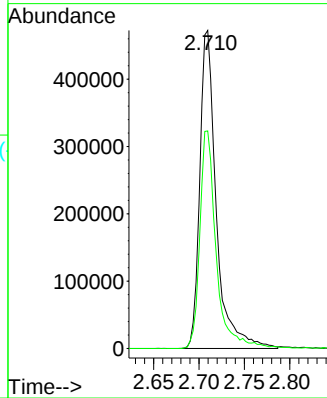
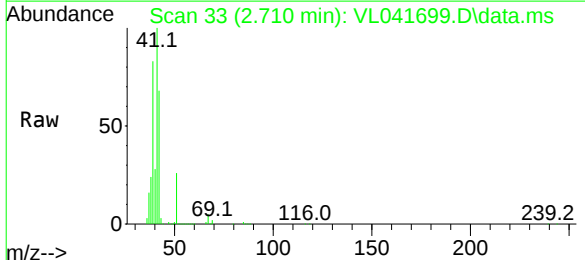
#9
Propene
Concen: 9.028 ppbv
RT: 2.710 min Scan# 33
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01

Tgt Ion: 41 Resp: 596424
Ion Ratio Lower Upper
41 100
42 68.5 55.0 82.4

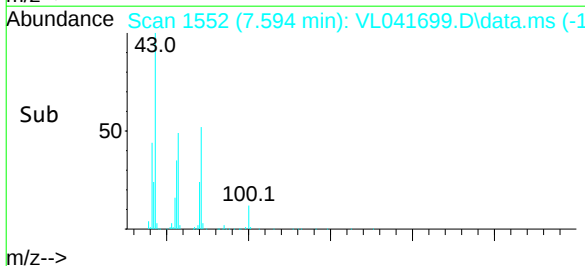
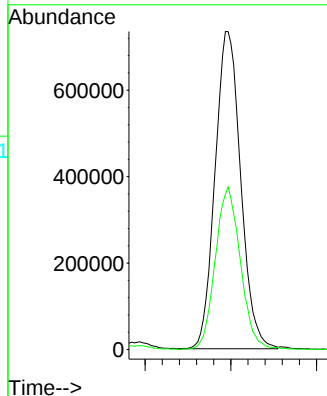
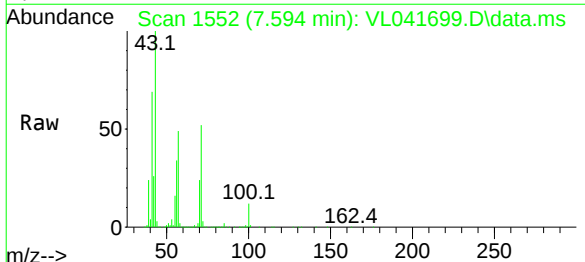
Manual Integrations
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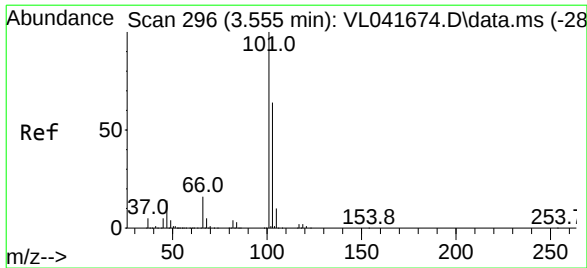
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#10
Heptane
Concen: 10.297 ppbv
RT: 7.594 min Scan# 1552
Delta R.T. 0.016 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Tgt Ion: 43 Resp: 1524430
Ion Ratio Lower Upper
43 100
57 50.3 40.0 60.0





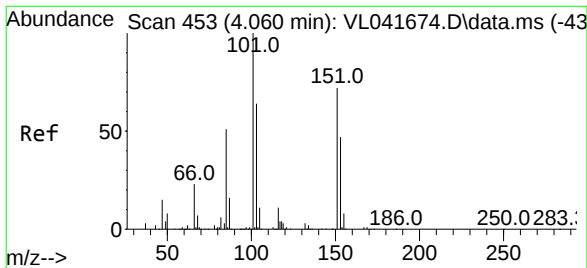
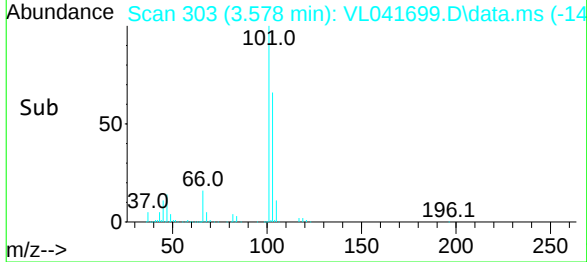
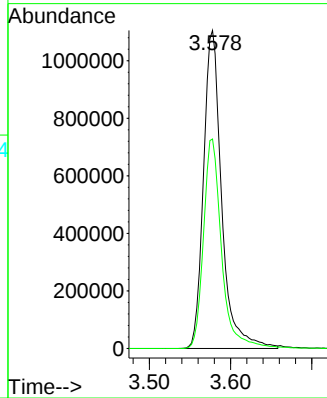
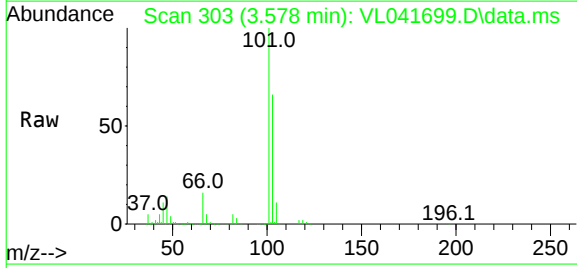
#11
Trichlorofluoromethane
Concen: 9.371 ppbv
RT: 3.578 min Scan# 30
Delta R.T. 0.023 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01

Tgt Ion:101 Resp: 1716777
Ion Ratio Lower Upper
101 100
103 65.9 51.0 76.6

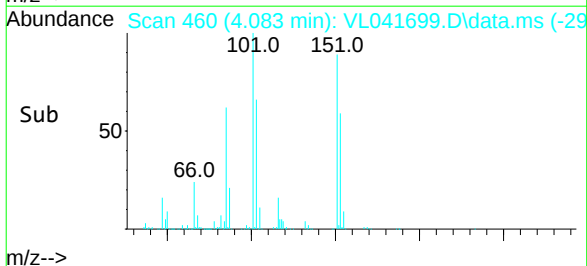
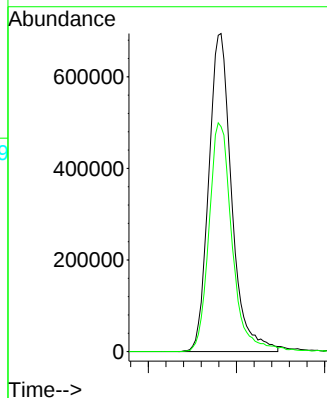
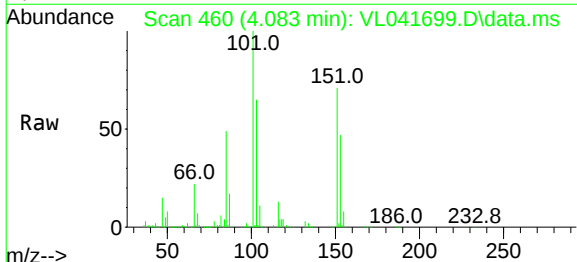
Manual Integrations
APPROVED

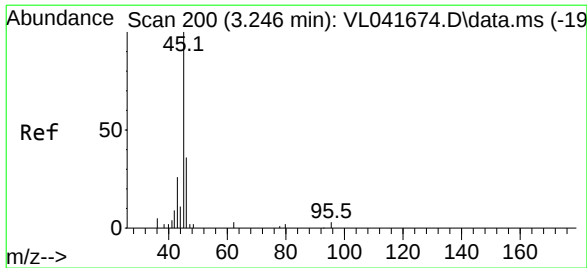
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.413 ppbv
RT: 4.083 min Scan# 460
Delta R.T. 0.023 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Tgt Ion:101 Resp: 1253402
Ion Ratio Lower Upper
101 100
151 73.0 59.1 88.7





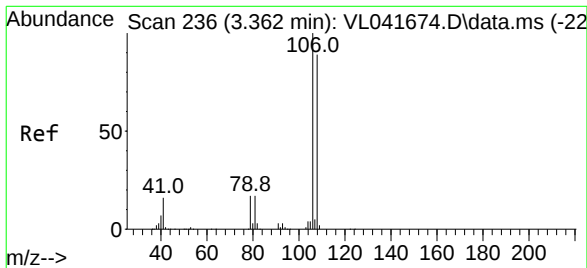
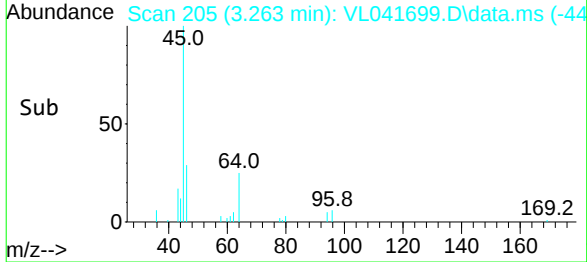
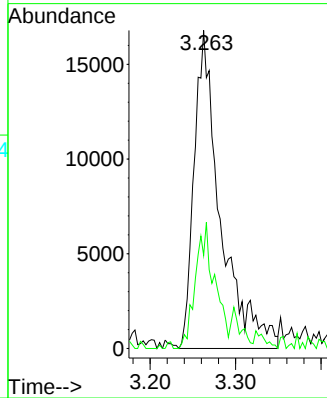
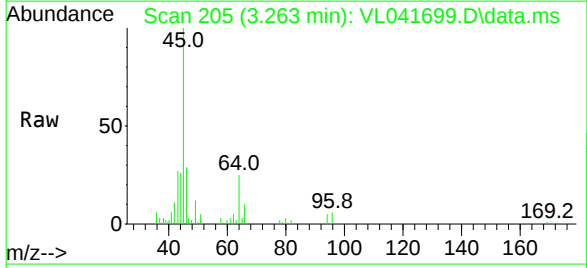
#13
Ethanol
Concen: 8.880 ppbv m
RT: 3.263 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01

Tgt Ion: 45 Resp: 35922
Ion Ratio Lower Upper
45 100
46 36.5 13.8 55.2

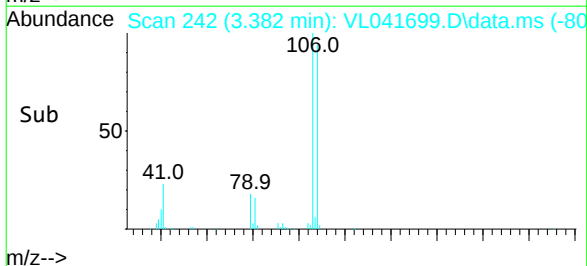
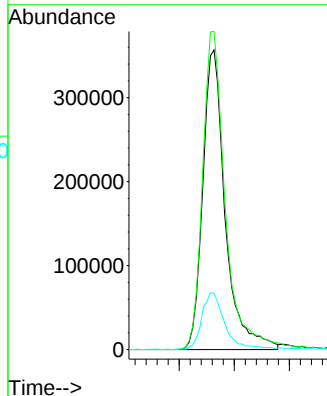
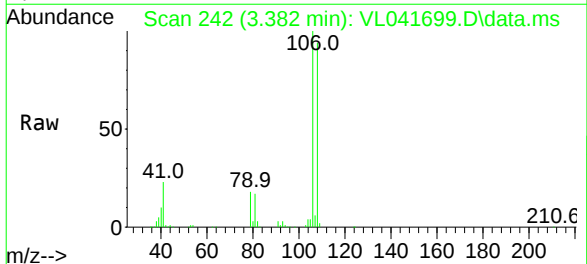
Manual Integrations
APPROVED

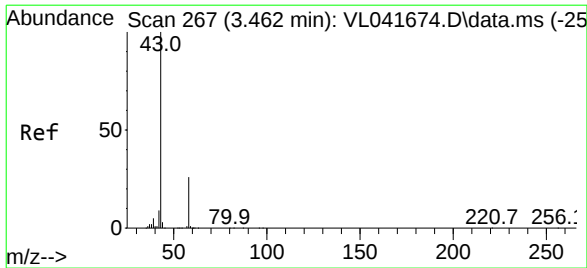
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#14
Bromoethene
Concen: 9.423 ppbv
RT: 3.382 min Scan# 242
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Tgt Ion:108 Resp: 504396
Ion Ratio Lower Upper
108 100
106 109.3 88.6 133.0
79 20.4 15.6 23.4





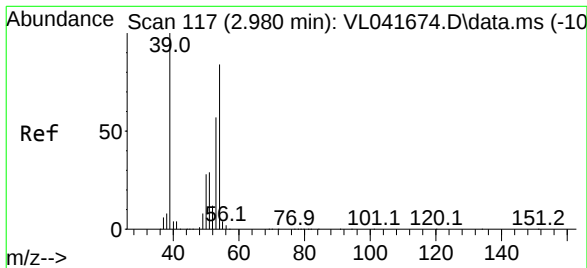
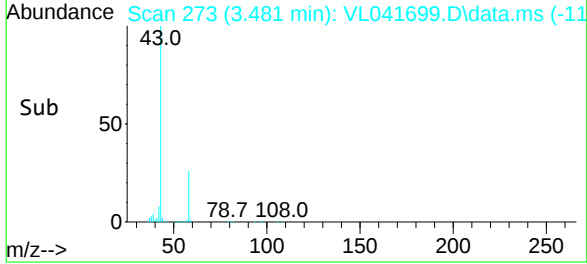
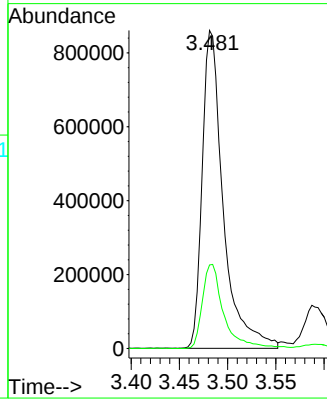
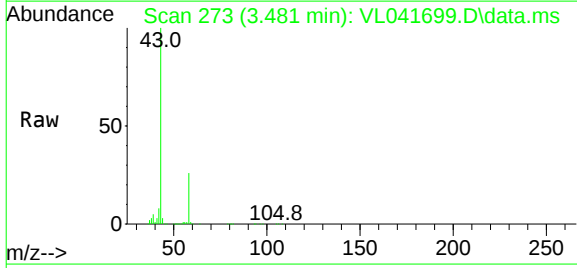
#15
Acetone
Concen: 9.122 ppbv
RT: 3.481 min Scan# 27
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01

Tgt Ion: 43 Resp: 1306457
Ion Ratio Lower Upper
43 100
58 26.9 21.4 32.0

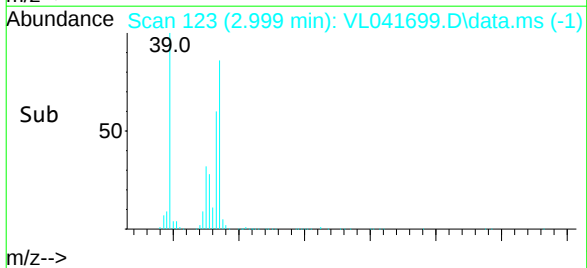
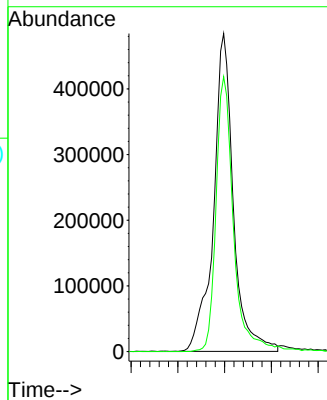
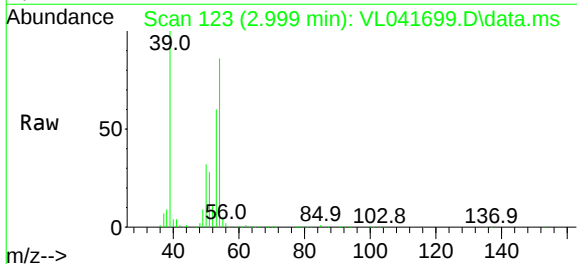
Manual Integrations
APPROVED

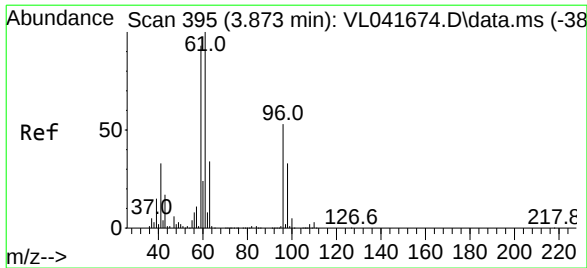
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#16
1,3-Butadiene
Concen: 9.903 ppbv
RT: 2.999 min Scan# 123
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

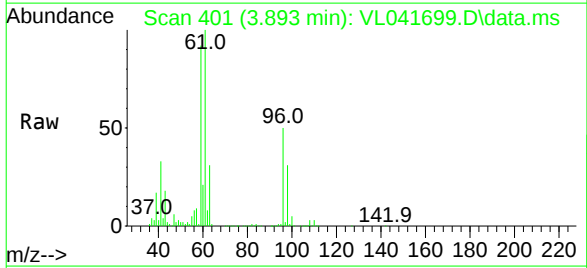
Tgt Ion: 39 Resp: 715603
Ion Ratio Lower Upper
39 100
54 76.6 61.3 91.9





#17
tert-Butyl alcohol
Concen: 9.507 ppbv
RT: 3.893 min Scan# 401
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

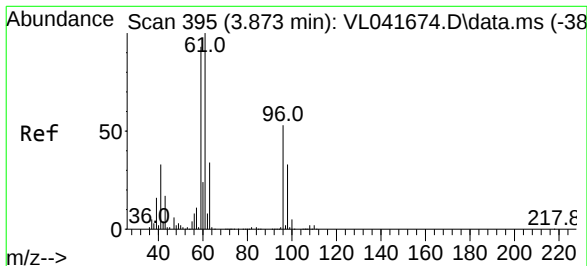
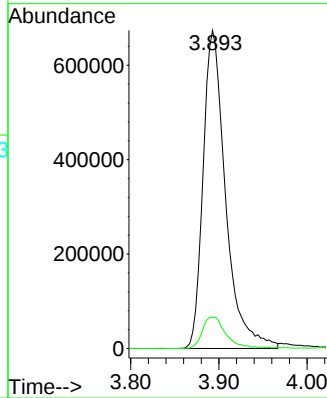
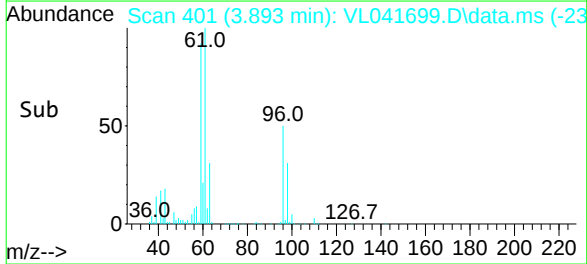
Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01



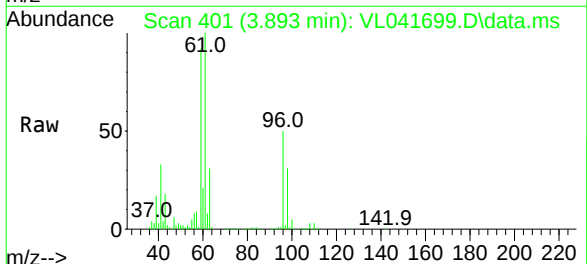
Tgt Ion: 59 Resp: 1194748
Ion Ratio Lower Upper
59 100
57 10.9 8.5 12.7

Manual Integrations
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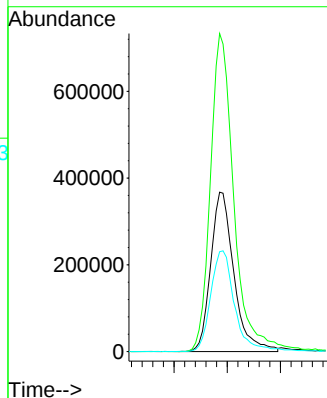
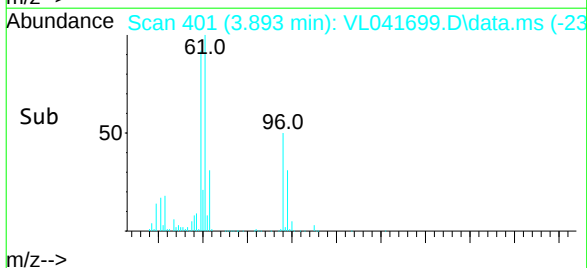
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

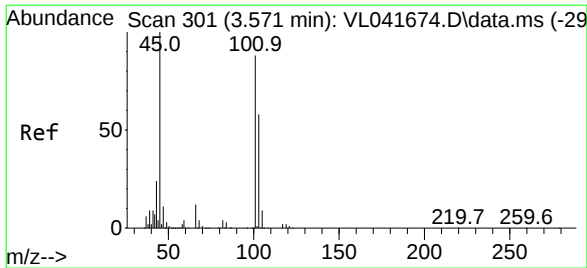


#18
1,1-Dichloroethene
Concen: 9.544 ppbv
RT: 3.893 min Scan# 401
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15



Tgt Ion: 96 Resp: 557361
Ion Ratio Lower Upper
96 100
61 199.5 150.7 226.1
98 62.5 49.4 74.2





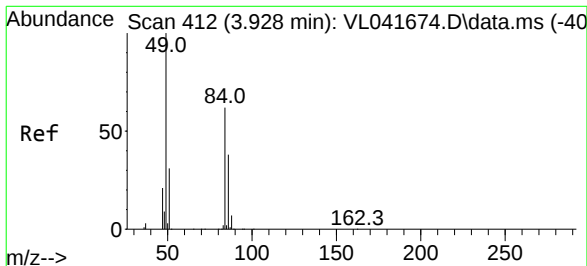
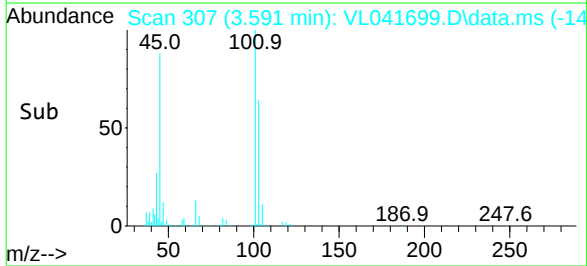
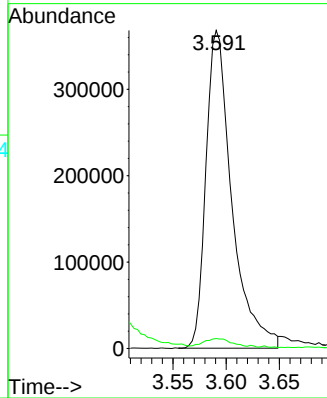
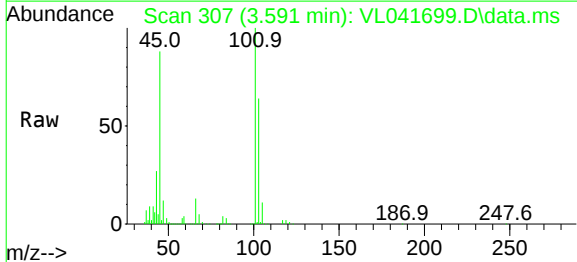
#19
Isopropyl Alcohol
Concen: 9.101 ppbv
RT: 3.591 min Scan# 301
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01

Tgt Ion: 45 Resp: 622976
Ion Ratio Lower Upper
45 100
58 3.7 2.5 3.7

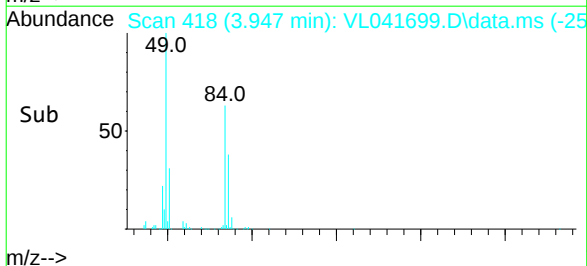
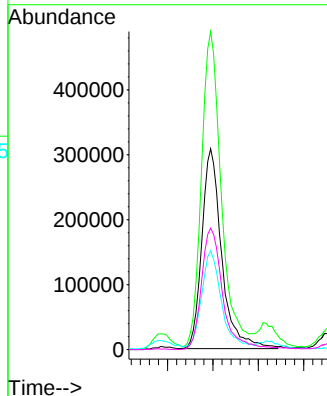
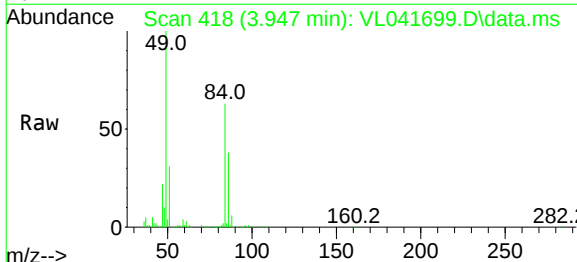
Manual Integrations
APPROVED

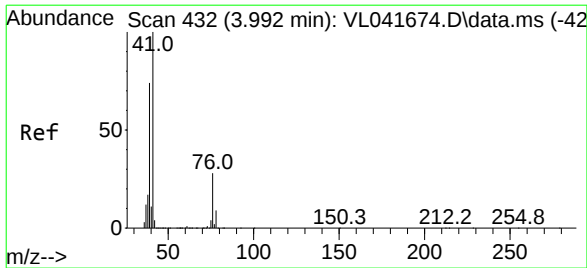
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#20
Methylene Chloride
Concen: 8.884 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Tgt Ion: 84 Resp: 468186
Ion Ratio Lower Upper
84 100
49 156.7 129.7 194.5
51 47.0 39.8 59.6
86 60.7 49.1 73.7





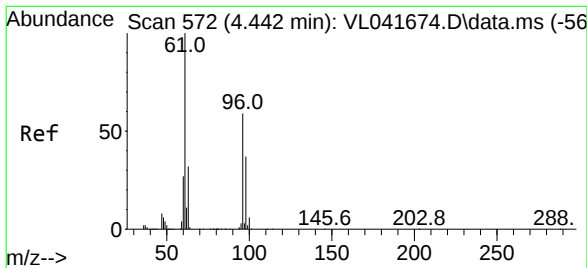
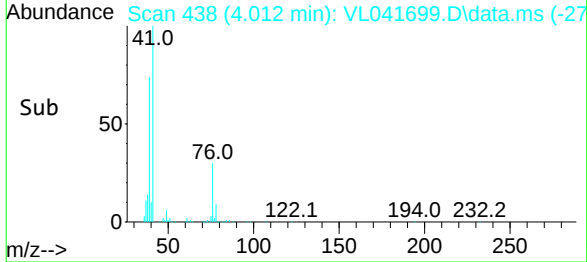
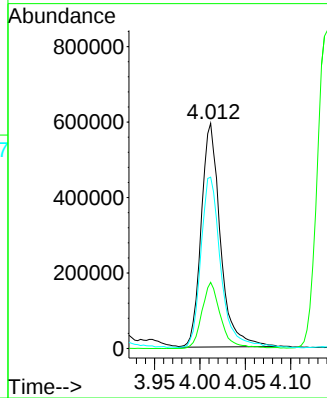
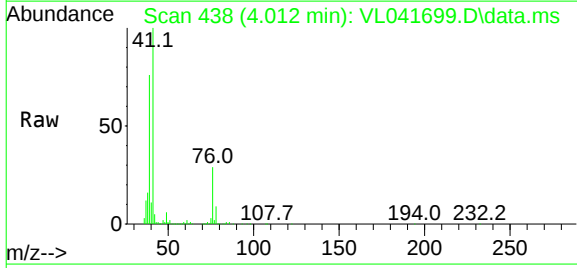
#21
 Allyl Chloride
 Concen: 9.878 ppbv
 RT: 4.012 min Scan# 43
 Delta R.T. 0.019 min
 Lab File: VL041699.D
 Acq: 20 Nov 2024 13:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1120ABS01

Tgt Ion: 41 Resp: 874140
 Ion Ratio Lower Upper
 41 100
 76 29.3 23.5 35.3
 39 79.8 63.0 94.4

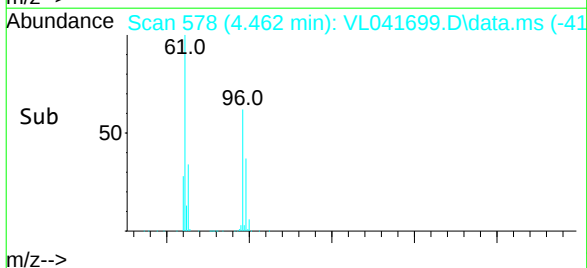
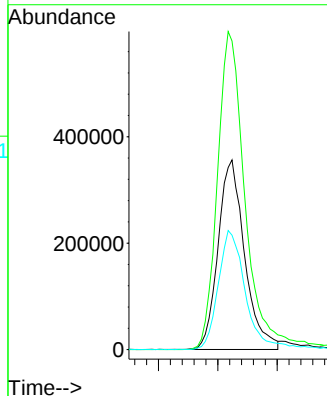
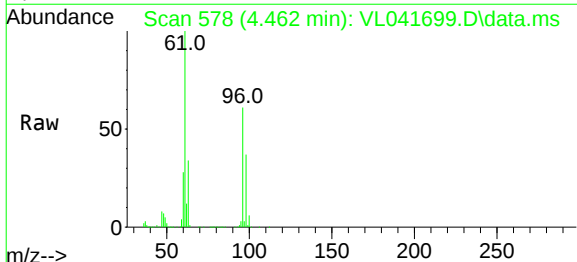
Manual Integrations
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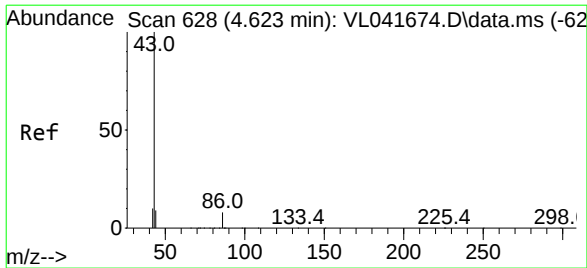
Reviewed By :Semsettin Yesilyurt 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.522 ppbv
 RT: 4.462 min Scan# 578
 Delta R.T. 0.019 min
 Lab File: VL041699.D
 Acq: 20 Nov 2024 13:15

Tgt Ion: 96 Resp: 552930
 Ion Ratio Lower Upper
 96 100
 61 162.7 134.5 201.7
 98 60.2 49.6 74.4





#23
 Vinyl Acetate
 Concen: 9.164 ppbv
 RT: 4.642 min Scan# 63
 Delta R.T. 0.019 min
 Lab File: VL041699.D
 Acq: 20 Nov 2024 13:15

Instrument :

MSVOA_L

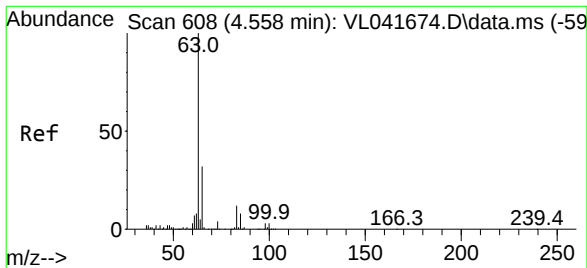
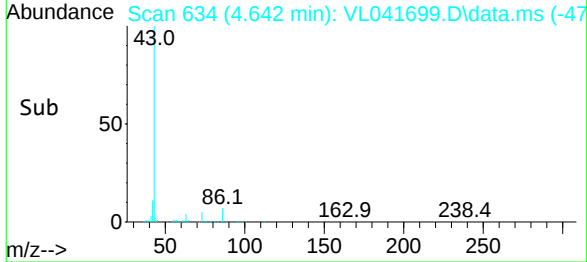
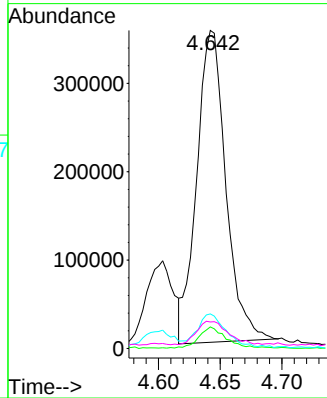
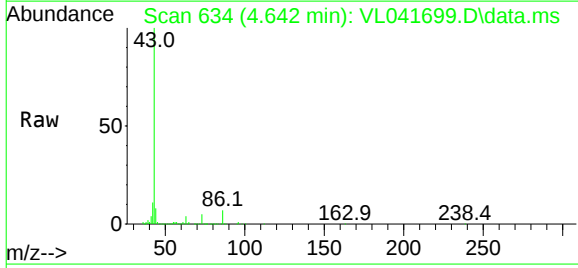
ClientSampleId :

VL1120ABS01

Tgt Ion: 43 Resp: 578556
 Ion Ratio Lower Upper
 43 100
 86 6.8 5.3 7.9
 42 10.6 8.5 12.7
 44 7.3 6.7 10.1

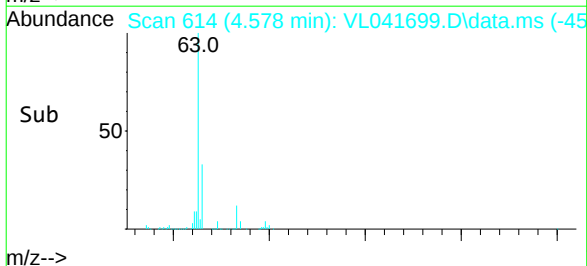
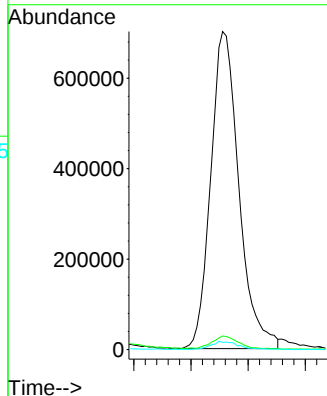
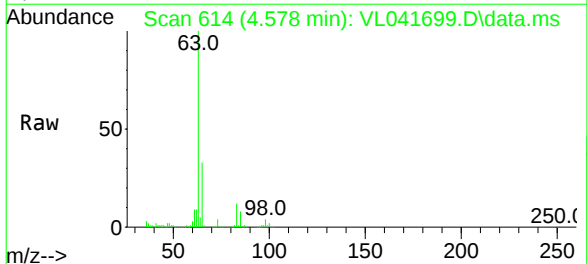
Manual Integrations
 APPROVED

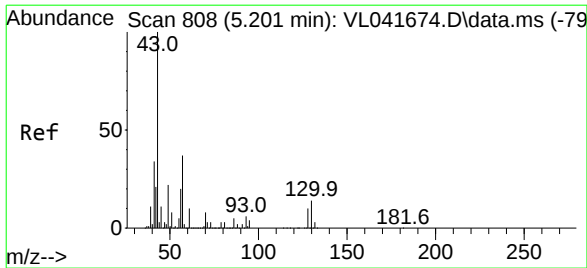
Reviewed By :Semsettin Yesilyurt 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024



#24
 1,1-Dichloroethane
 Concen: 9.261 ppbv
 RT: 4.578 min Scan# 614
 Delta R.T. 0.019 min
 Lab File: VL041699.D
 Acq: 20 Nov 2024 13:15

Tgt Ion: 63 Resp: 1200413
 Ion Ratio Lower Upper
 63 100
 98 3.9 1.8 5.4
 100 2.2 1.4 4.2





#25
Ethyl Acetate
Concen: 9.506 ppbv
RT: 5.221 min Scan# 811
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

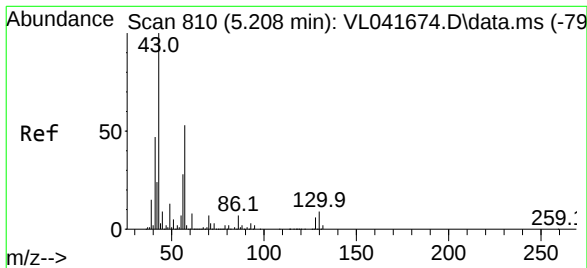
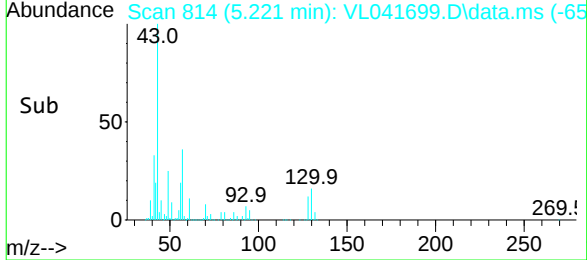
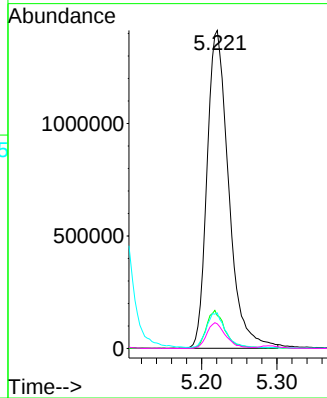
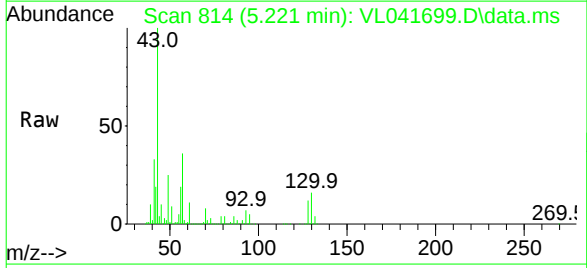
Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01

Tgt Ion: 43 Resp: 2817969

Ion	Ratio	Lower	Upper
43	100		
45	10.8	8.6	13.0
61	10.3	8.4	12.6
70	7.2	5.8	8.6

Manual Integrations
APPROVED

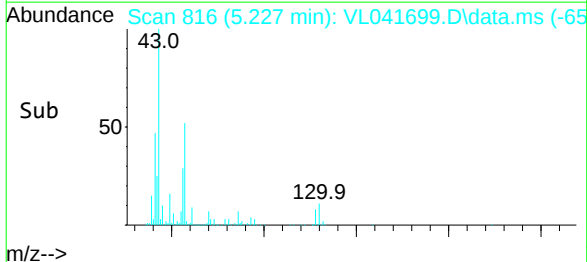
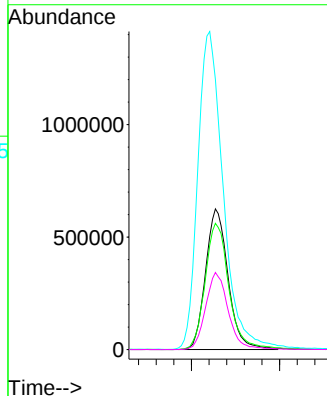
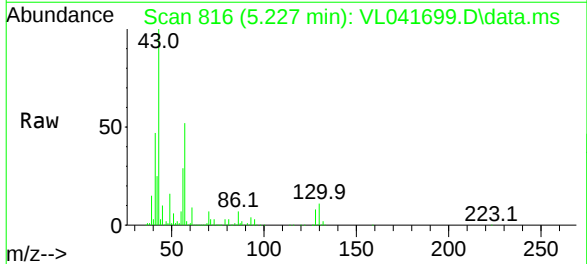
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

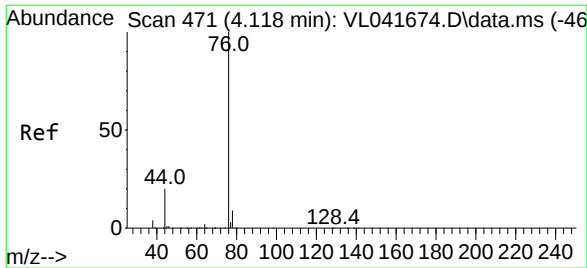


#26
Hexane
Concen: 9.737 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Tgt Ion: 57 Resp: 1108983

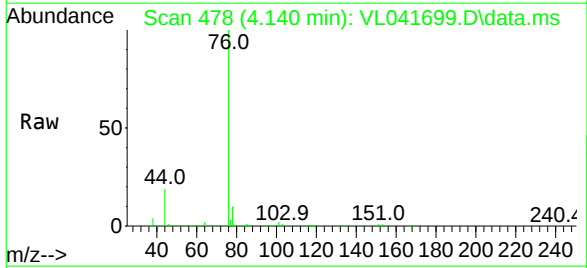
Ion	Ratio	Lower	Upper
57	100		
41	95.8	76.1	114.1
43	256.6	207.0	310.6
56	55.4	43.7	65.5





#27
Carbon Disulfide
Concen: 10.677 ppbv
RT: 4.140 min Scan# 471
Delta R.T. 0.023 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

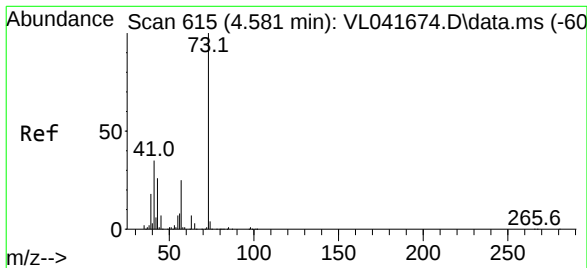
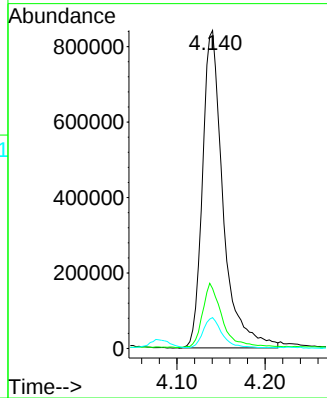
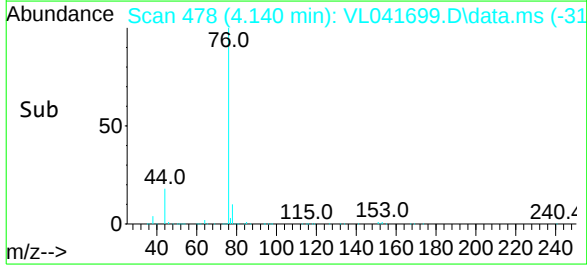
Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01



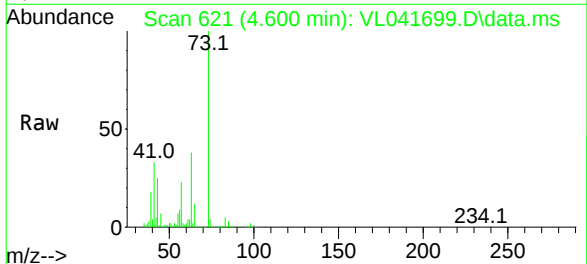
Tgt Ion: 76 Resp: 1366173
Ion Ratio Lower Upper
76 100
44 20.0 15.8 23.8
78 9.4 7.5 11.3

Manual Integrations
APPROVED

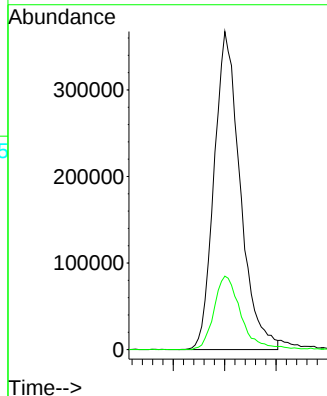
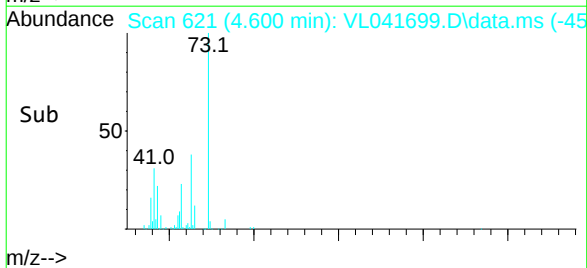
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

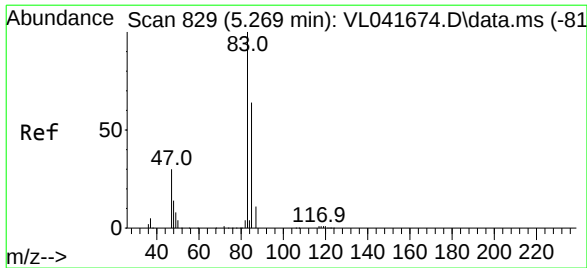


#28
Methyl tert-Butyl Ether
Concen: 8.826 ppbv
RT: 4.600 min Scan# 621
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15



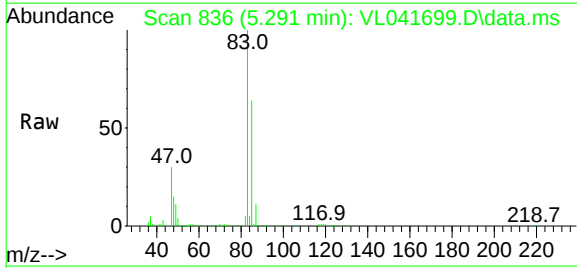
Tgt Ion: 73 Resp: 647293
Ion Ratio Lower Upper
73 100
57 24.1 19.6 29.4





#29
Chloroform
Concen: 9.436 ppbv
RT: 5.291 min Scan# 83
Delta R.T. 0.023 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

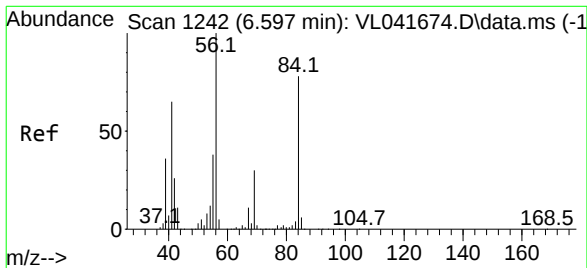
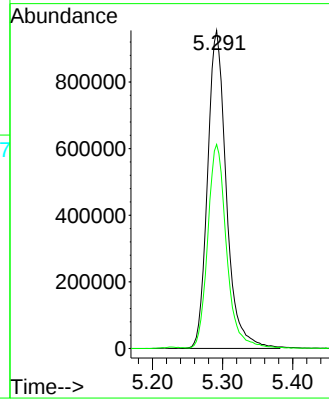
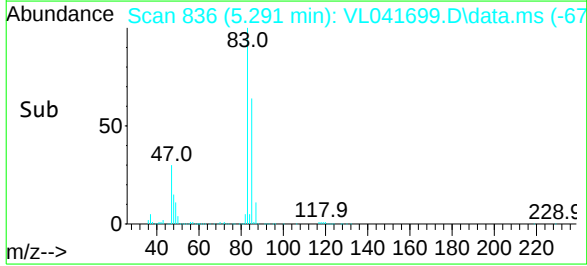
Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01



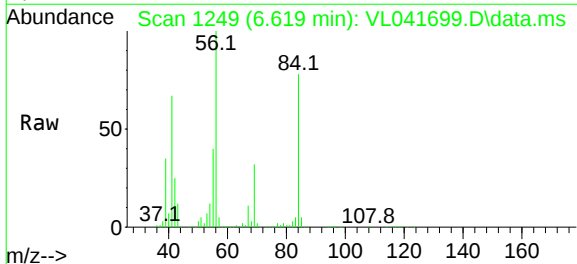
Tgt Ion: 83 Resp: 1773915
Ion Ratio Lower Upper
83 100
85 64.0 51.1 76.7

Manual Integrations
APPROVED

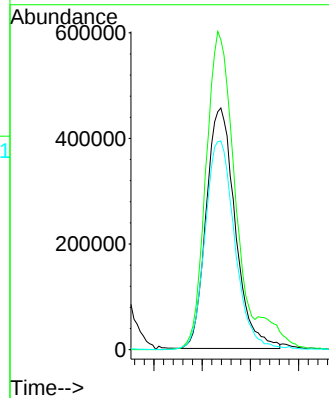
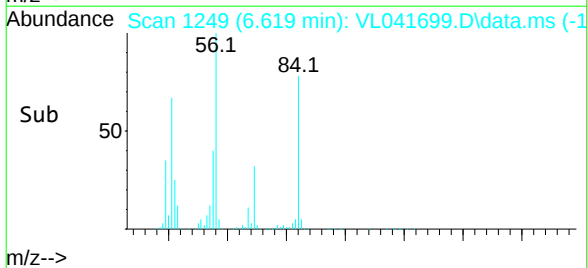
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

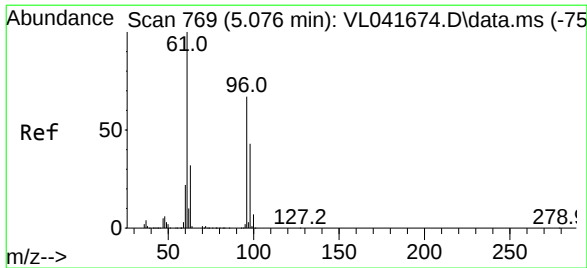


#30
Cyclohexane
Concen: 9.815 ppbv
RT: 6.619 min Scan# 1249
Delta R.T. 0.023 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15



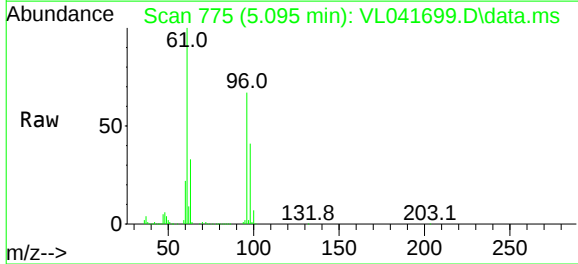
Tgt Ion: 84 Resp: 951807
Ion Ratio Lower Upper
84 100
56 139.2 110.8 166.2
41 88.9 70.0 105.0





#31
cis-1,2-Dichloroethene
Concen: 9.810 ppbv
RT: 5.095 min Scan# 771
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

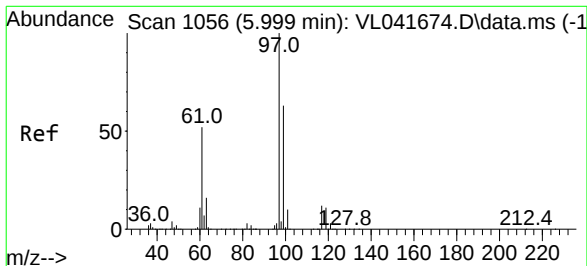
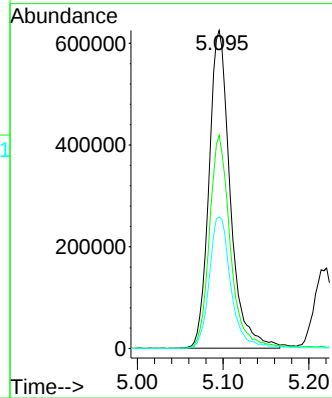
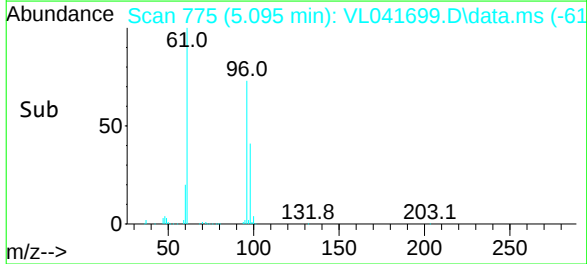
Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01



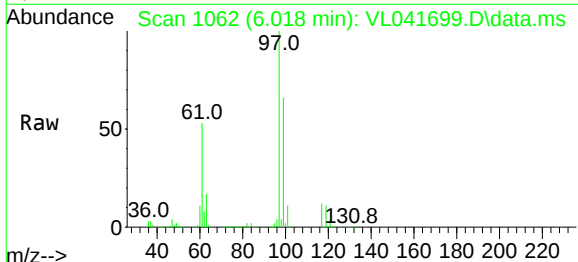
Tgt Ion: 61 Resp: 1074877
Ion Ratio Lower Upper
61 100
96 67.0 53.4 80.2
98 41.3 34.0 51.0

Manual Integrations
APPROVED

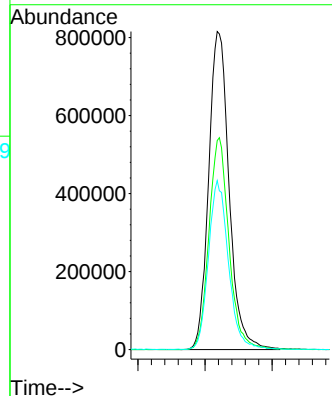
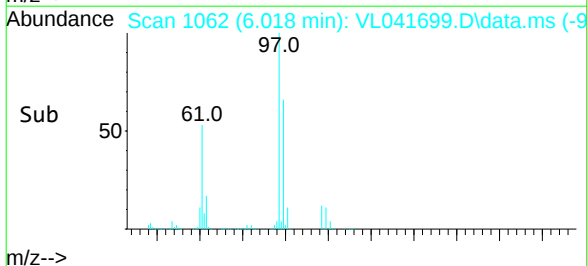
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

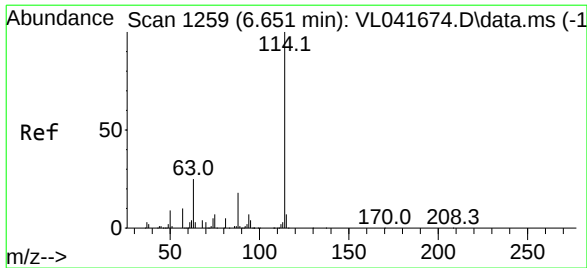


#32
1,1,1-Trichloroethane
Concen: 10.080 ppbv
RT: 6.018 min Scan# 1062
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15



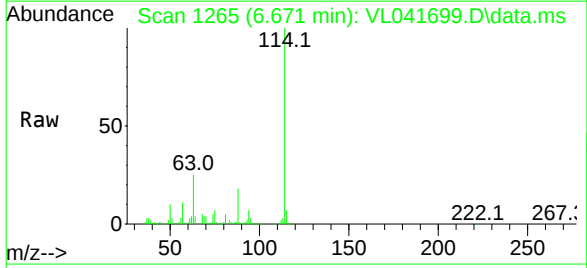
Tgt Ion: 97 Resp: 1728793
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.2
61 52.3 41.7 62.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 12
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

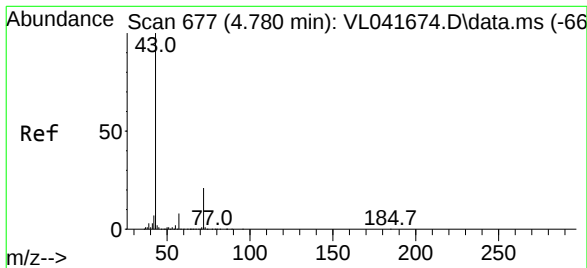
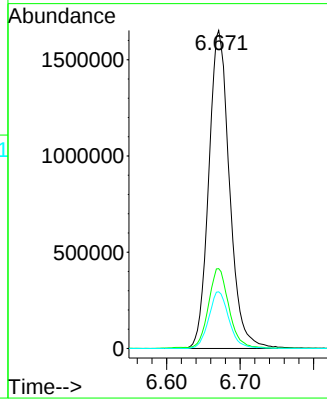
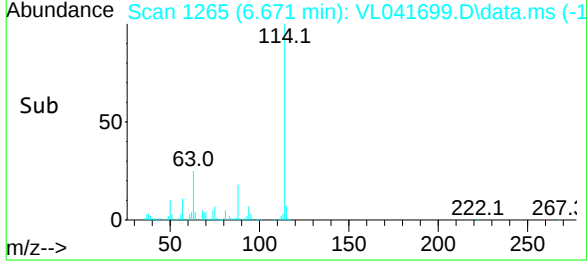
Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01



Tgt Ion: 114 Resp: 3239097
Ion Ratio Lower Upper
114 100
63 25.3 20.3 30.5
88 17.5 14.2 21.4

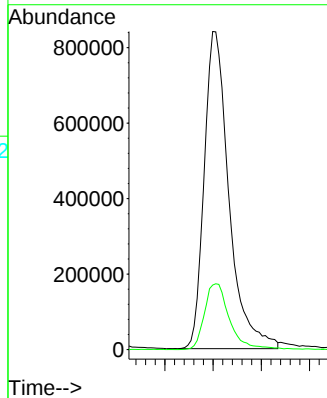
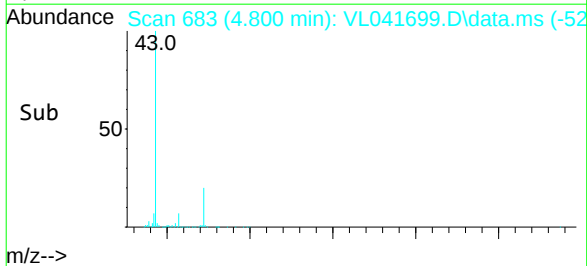
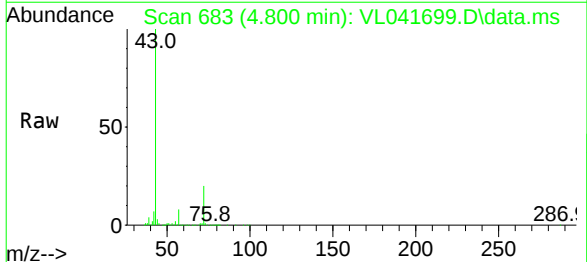
Manual Integrations
APPROVED

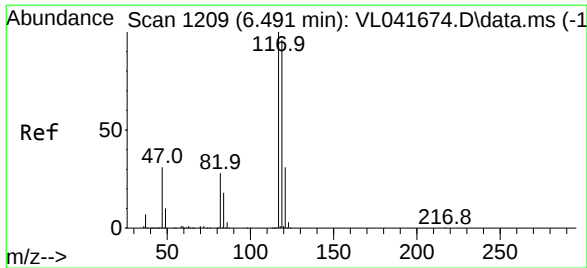
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#34
2-Butanone
Concen: 9.310 ppbv
RT: 4.800 min Scan# 683
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

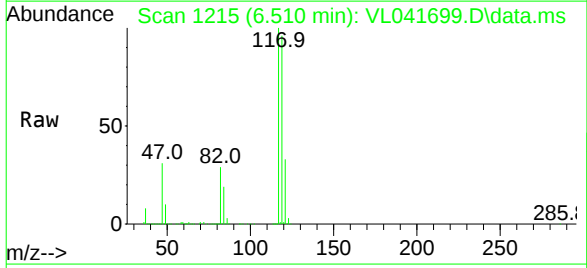
Tgt Ion: 43 Resp: 1501583
Ion Ratio Lower Upper
43 100
72 21.1 17.4 26.0





#35
Carbon Tetrachloride
Concen: 10.688 ppbv
RT: 6.510 min Scan# 1215
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

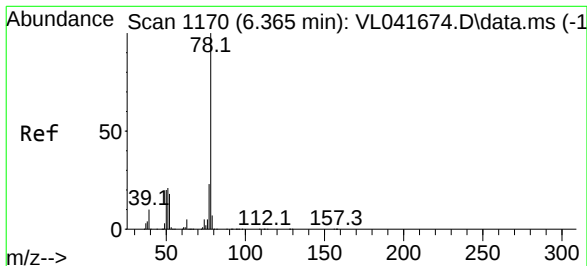
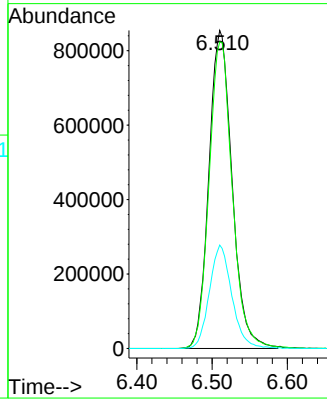
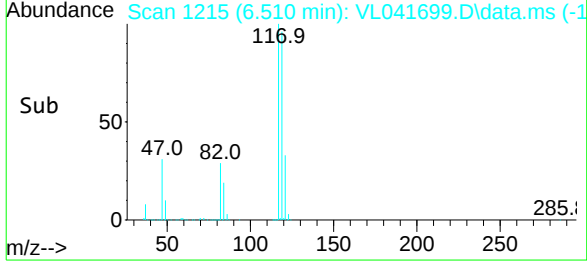
Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01



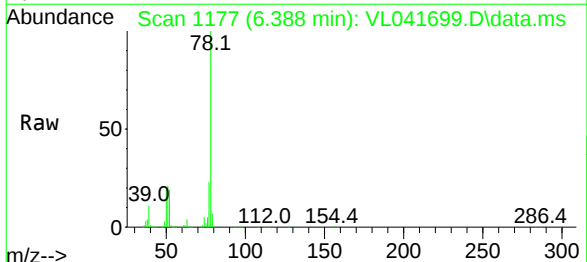
Tgt Ion: 117 Resp: 1826480
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8
121 32.5 25.0 37.4

Manual Integrations
APPROVED

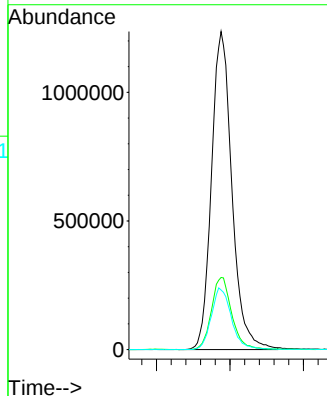
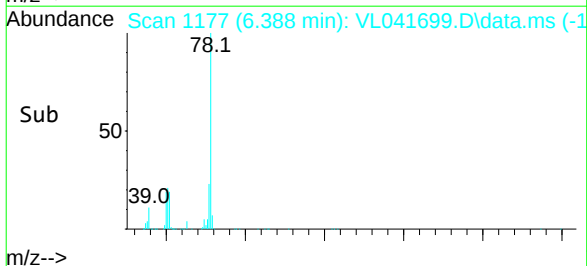
Reviewed By : Semsettin Yesilyurt 11/21/2024
Supervised By : Mahesh Dadoda 11/21/2024

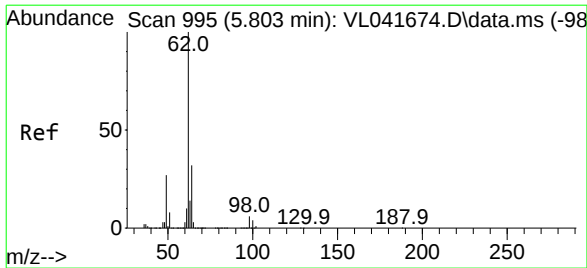


#36
Benzene
Concen: 9.947 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. 0.023 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15



Tgt Ion: 78 Resp: 2387291
Ion Ratio Lower Upper
78 100
77 22.7 18.5 27.7
50 18.7 15.6 23.4





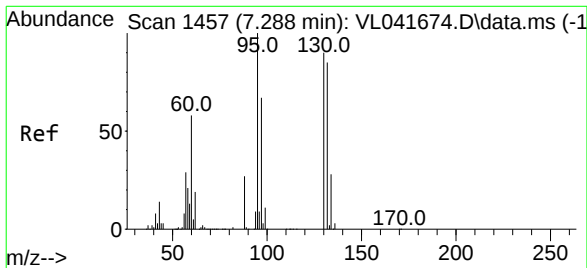
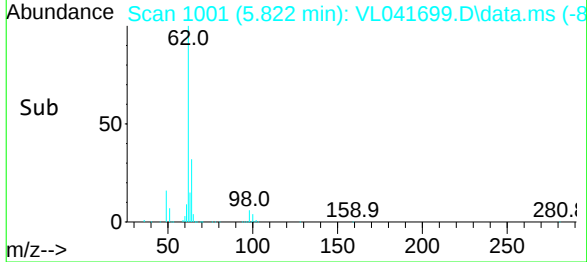
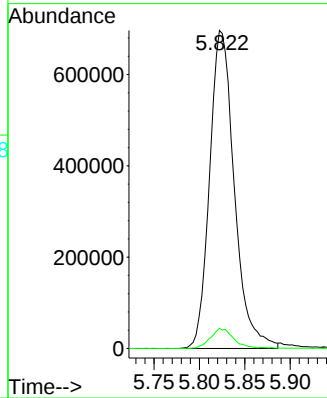
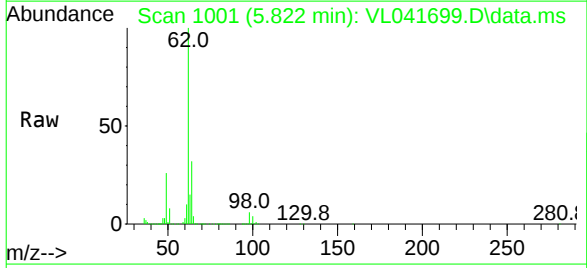
#37
1,2-Dichloroethane
Concen: 9.744 ppbv
RT: 5.822 min Scan# 10
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01

Tgt Ion: 62 Resp: 1319263
Ion Ratio Lower Upper
62 100
98 6.2 5.2 7.8

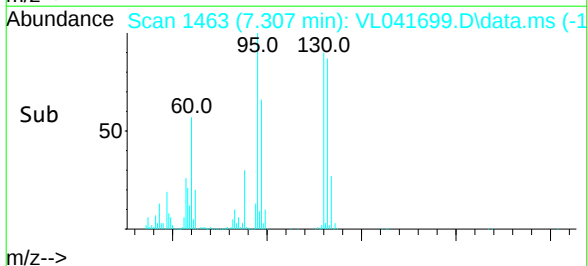
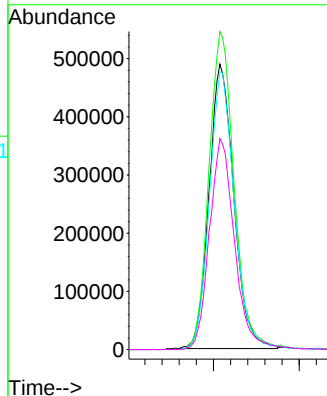
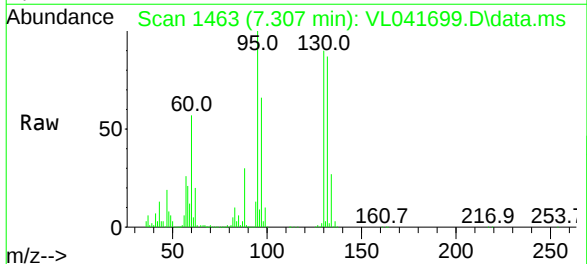
Manual Integrations
APPROVED

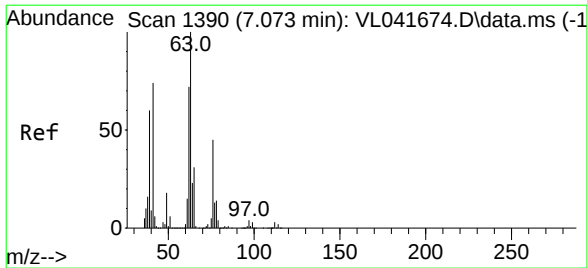
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#38
Trichloroethene
Concen: 10.635 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

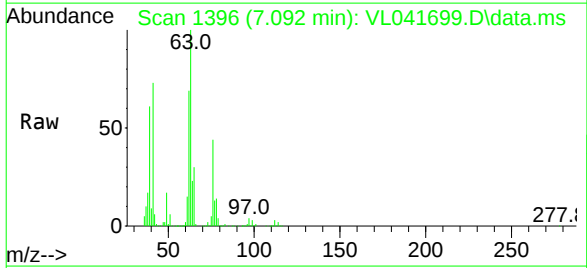
Tgt Ion:130 Resp: 980257
Ion Ratio Lower Upper
130 100
95 111.7 89.1 133.7
132 97.6 75.7 113.5
97 74.1 60.0 90.0





#39
1,2-Dichloropropane
Concen: 9.759 ppbv
RT: 7.092 min Scan# 13
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

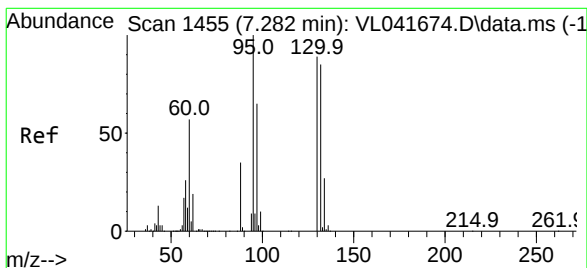
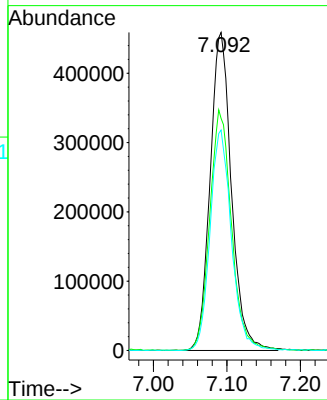
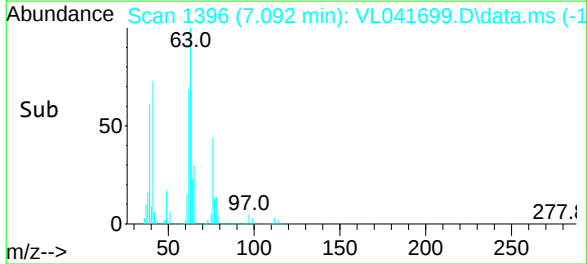
Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01



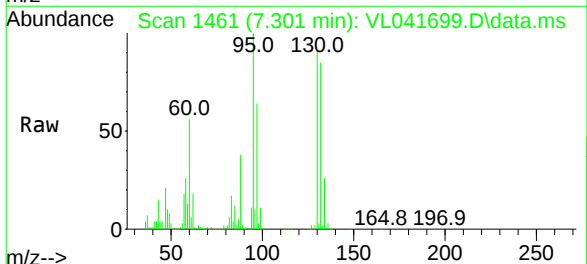
Tgt Ion: 63 Resp: 925581
Ion Ratio Lower Upper
63 100
41 72.9 59.1 88.7
62 69.3 57.7 86.5

Manual Integrations
APPROVED

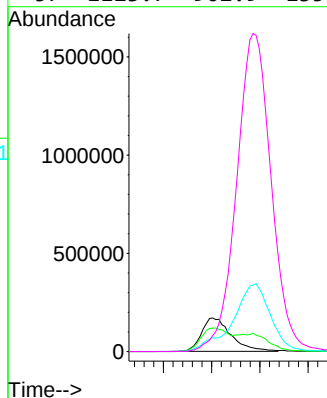
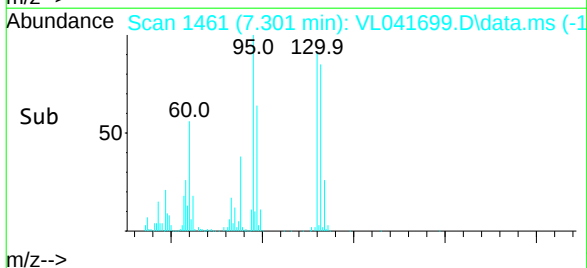
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

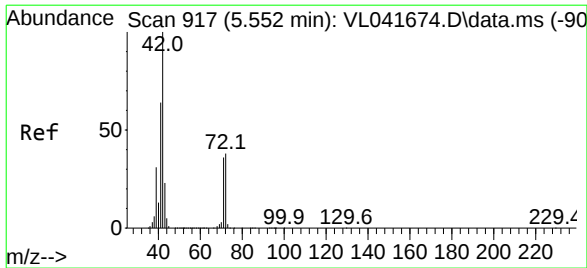


#40
1,4-Dioxane
Concen: 10.596 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15



Tgt Ion: 88 Resp: 360556
Ion Ratio Lower Upper
88 100
58 126.0 101.4 152.2
43 260.6 208.0 312.0
57 1123.7 902.9 1354.3





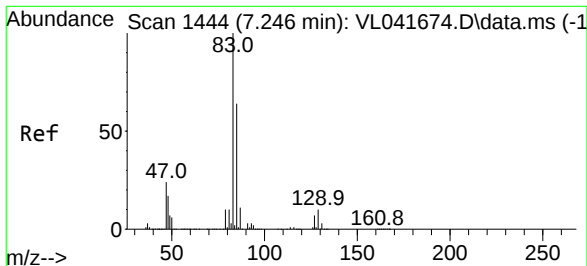
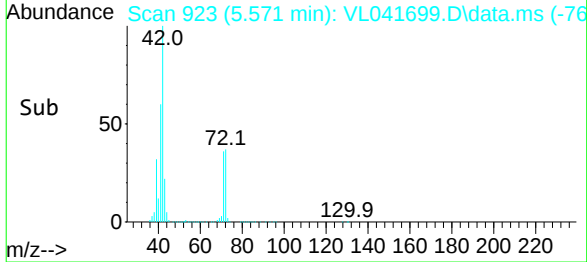
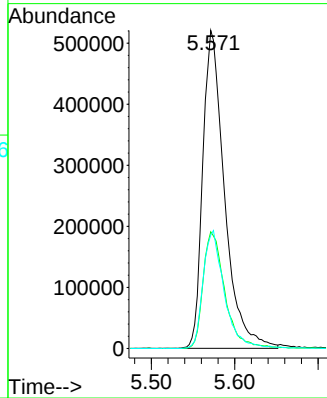
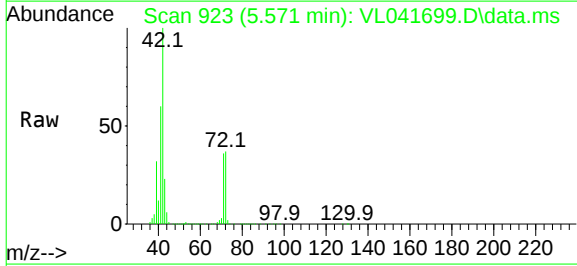
#41
Tetrahydrofuran
Concen: 10.257 ppbv
RT: 5.571 min Scan# 921
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01

Tgt Ion: 42 Resp: 944786
Ion Ratio Lower Upper
42 100
72 36.8 29.8 44.6
71 36.4 29.4 44.2

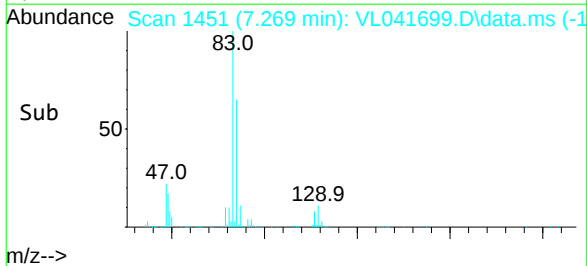
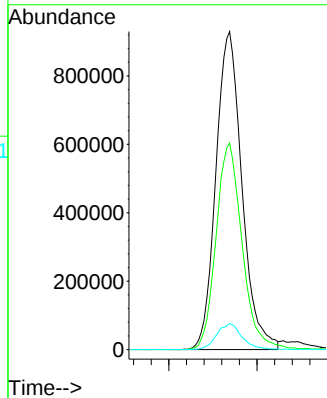
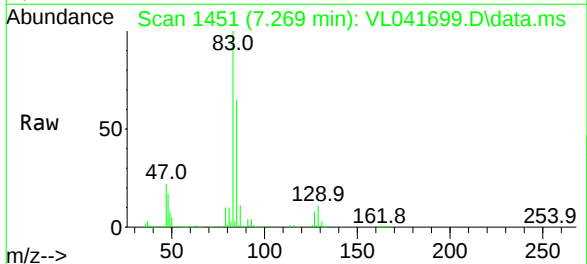
Manual Integrations
APPROVED

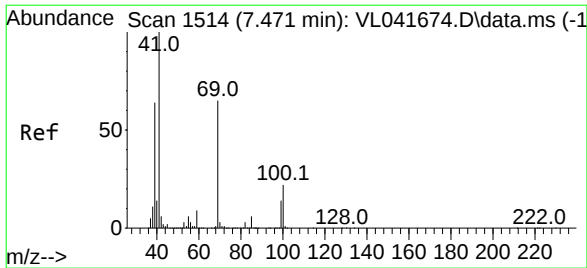
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#42
Bromodichloromethane
Concen: 10.147 ppbv
RT: 7.269 min Scan# 1451
Delta R.T. 0.023 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Tgt Ion: 83 Resp: 1909198
Ion Ratio Lower Upper
83 100
85 64.9 51.2 76.8
127 8.2 6.0 9.0





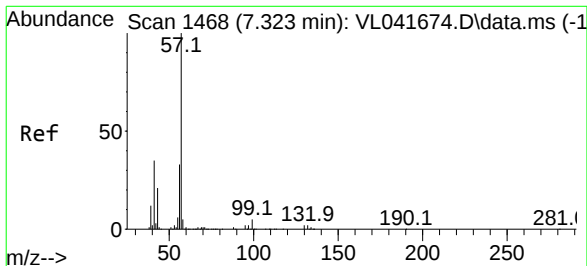
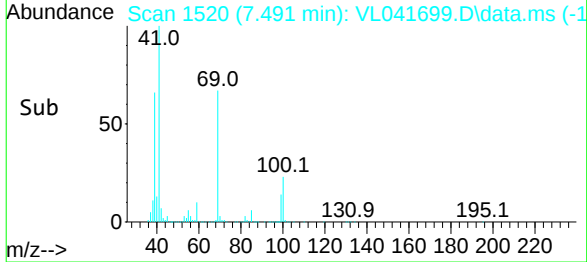
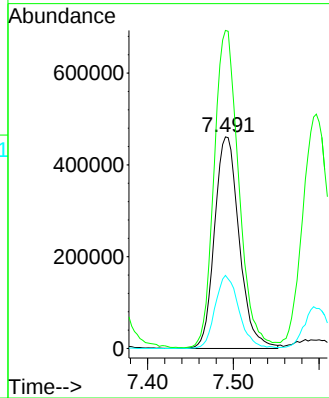
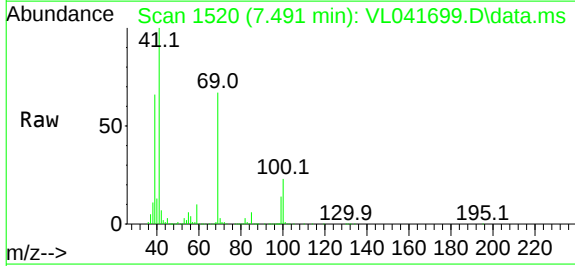
#43
Methyl Methacrylate
Concen: 10.923 ppbv
RT: 7.491 min Scan# 1514
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01

Tgt Ion: 69 Resp: 920452
Ion Ratio Lower Upper
69 100
41 150.9 119.8 179.6
100 33.6 27.3 40.9

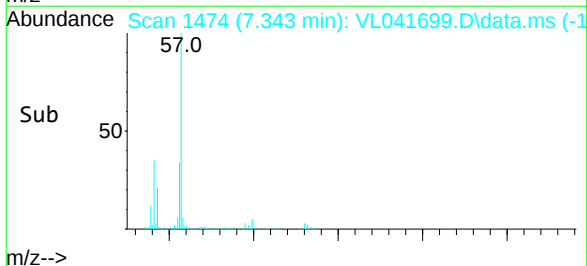
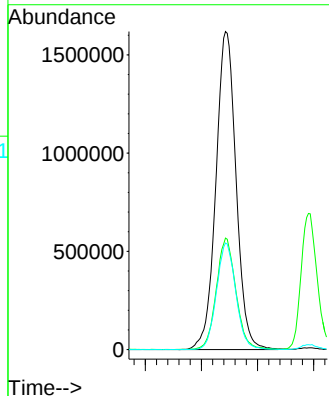
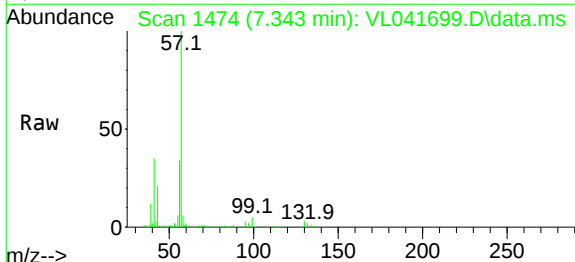
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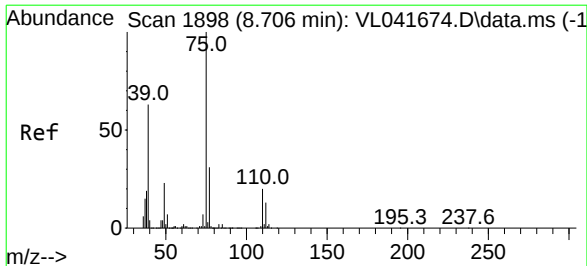
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#44
2,2,4-Trimethylpentane
Concen: 9.958 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Tgt Ion: 57 Resp: 4048166
Ion Ratio Lower Upper
57 100
41 34.0 27.0 40.6
56 32.1 25.8 38.6





#45

t-1,3-Dichloropropene

Concen: 11.439 ppbv

RT: 8.729 min Scan# 19

Delta R.T. 0.023 min

Lab File: VL041699.D

Acq: 20 Nov 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

VL1120ABS01

Tgt Ion: 75 Resp: 880781

Ion Ratio Lower Upper

75 100

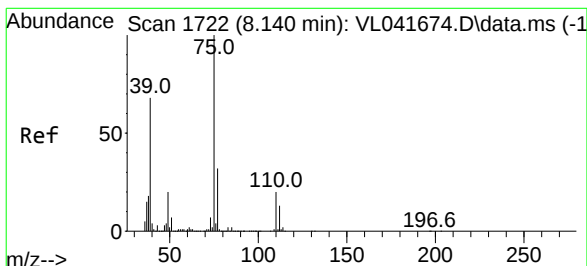
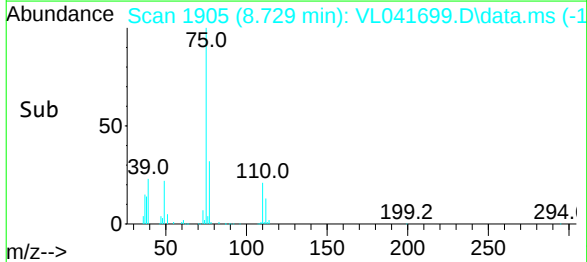
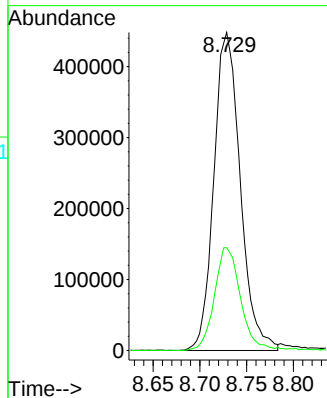
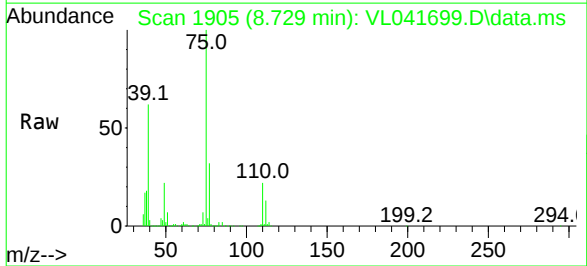
77 32.3 24.7 37.1

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Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#46

cis-1,3-Dichloropropene

Concen: 11.089 ppbv

RT: 8.160 min Scan# 1728

Delta R.T. 0.019 min

Lab File: VL041699.D

Acq: 20 Nov 2024 13:15

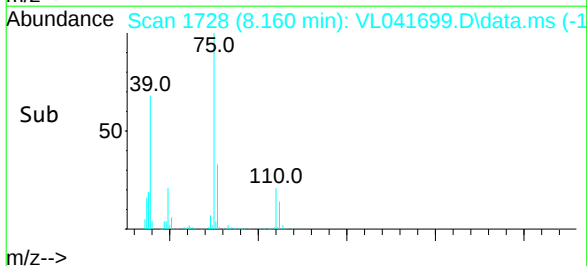
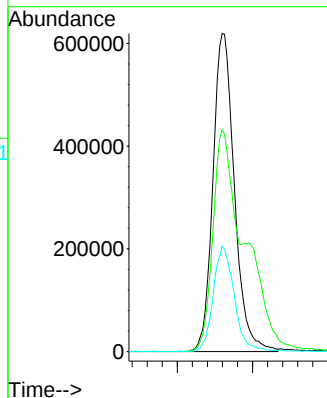
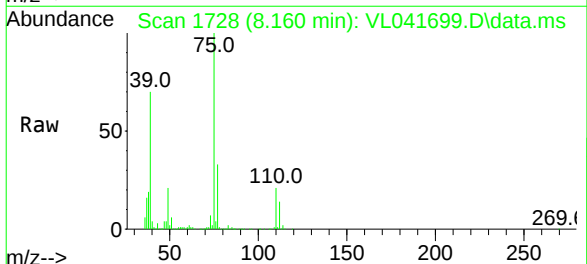
Tgt Ion: 75 Resp: 1226432

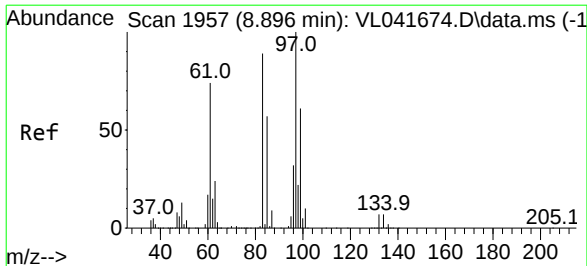
Ion Ratio Lower Upper

75 100

39 69.6 54.1 81.1

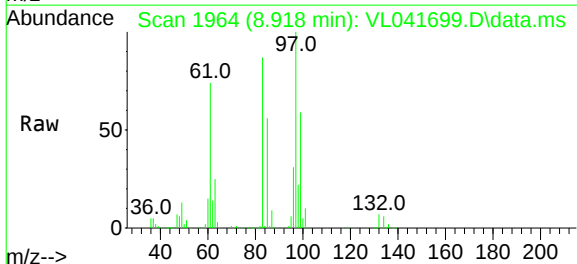
77 33.2 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 9.776 ppbv
RT: 8.918 min Scan# 1957
Delta R.T. 0.023 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

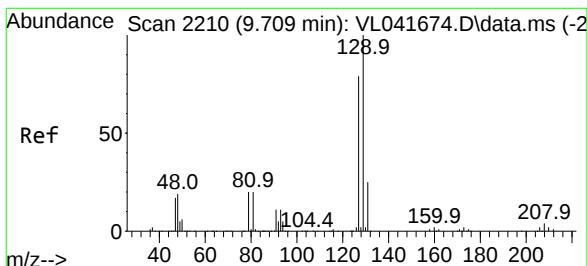
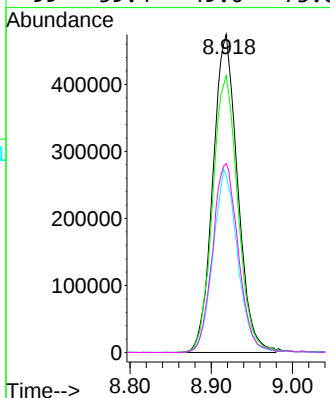
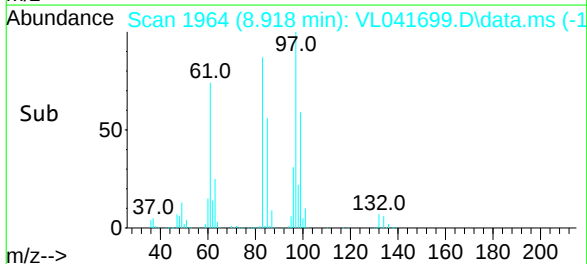
Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01



Tgt Ion: 97 Resp: 1003450
Ion Ratio Lower Upper
97 100
83 87.0 71.0 106.6
85 55.7 45.4 68.2
99 59.4 49.0 73.6

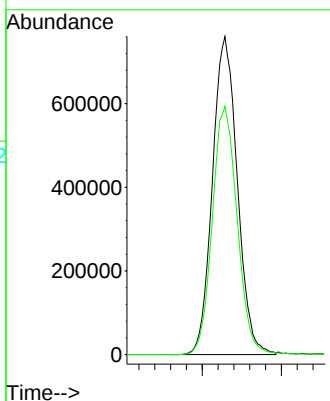
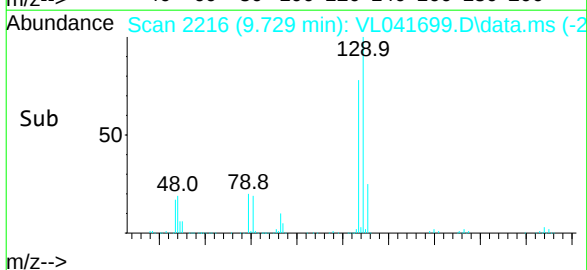
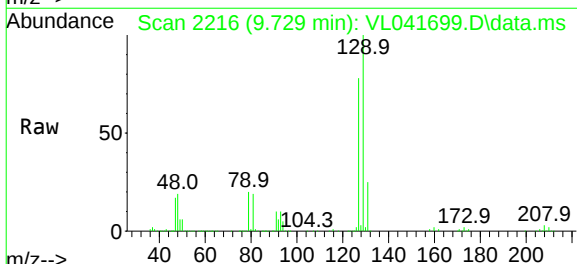
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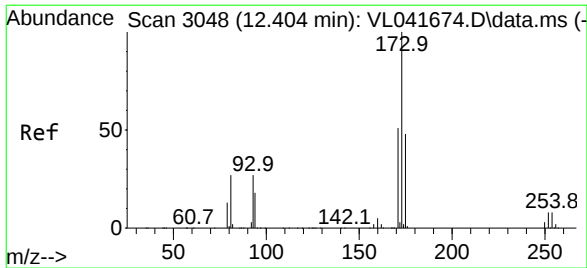
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#48
Dibromochloromethane
Concen: 10.628 ppbv
RT: 9.729 min Scan# 2216
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Tgt Ion:129 Resp: 1658425
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.2





#49

Bromoform

Concen: 11.123 ppbv

RT: 12.423 min Scan# 3048

Delta R.T. 0.019 min

Lab File: VL041699.D

Acq: 20 Nov 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

VL1120ABS01

Tgt Ion: 173 Resp: 1485005

Ion Ratio Lower Upper

173 100

175 48.9 39.2 58.8

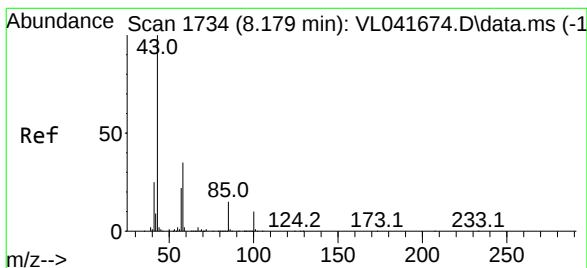
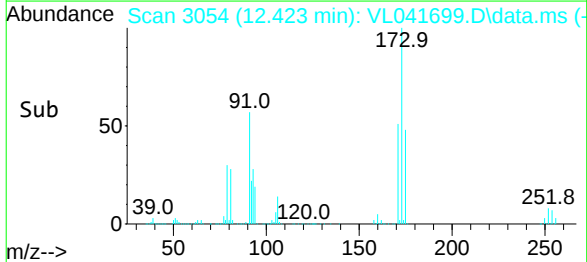
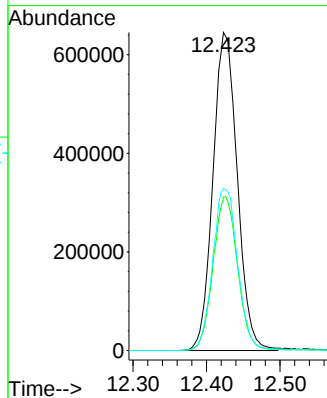
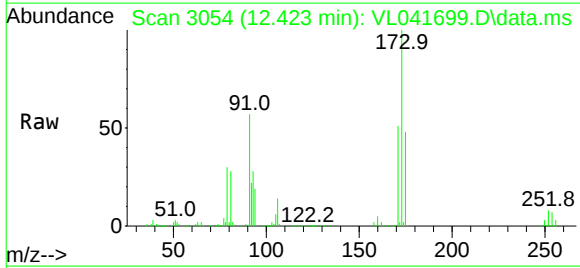
171 52.3 41.7 62.5

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Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#50

4-Methyl-2-Pentanone

Concen: 10.473 ppbv

RT: 8.198 min Scan# 1740

Delta R.T. 0.019 min

Lab File: VL041699.D

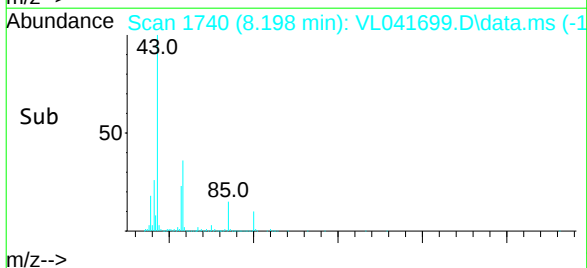
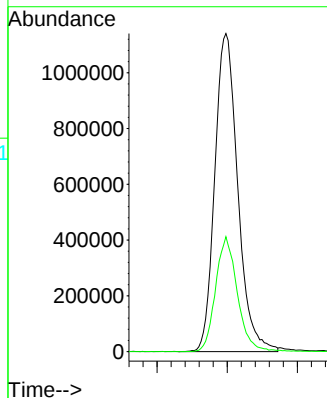
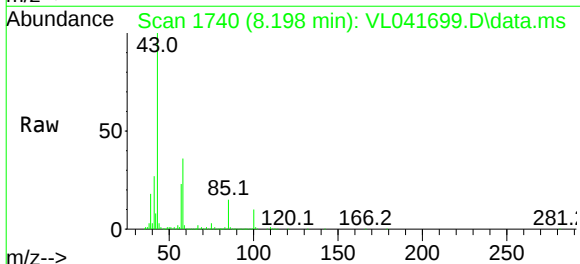
Acq: 20 Nov 2024 13:15

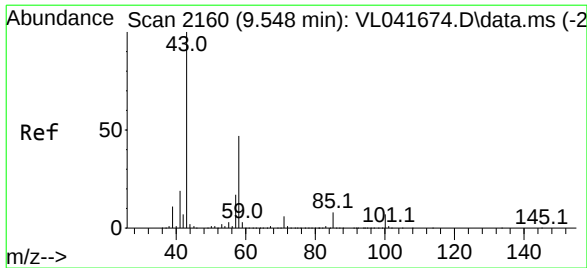
Tgt Ion: 43 Resp: 2593146

Ion Ratio Lower Upper

43 100

58 34.3 27.7 41.5





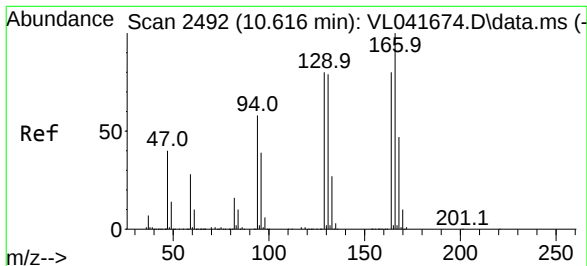
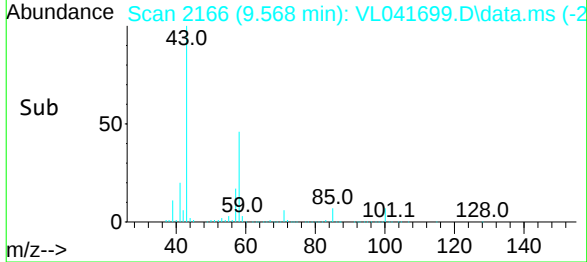
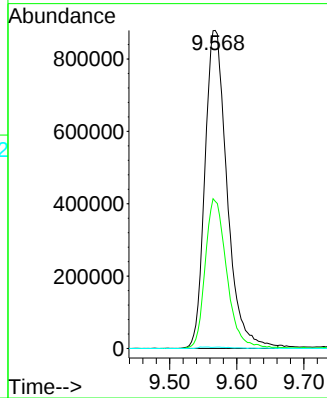
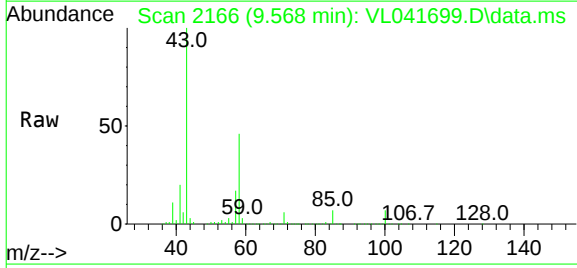
#51
2-Hexanone
Concen: 11.196 ppbv
RT: 9.568 min Scan# 2160
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01

Tgt Ion: 43 Resp: 2018735
Ion Ratio Lower Upper
43 100
58 46.0 37.0 55.6
98 0.6 0.6 0.8

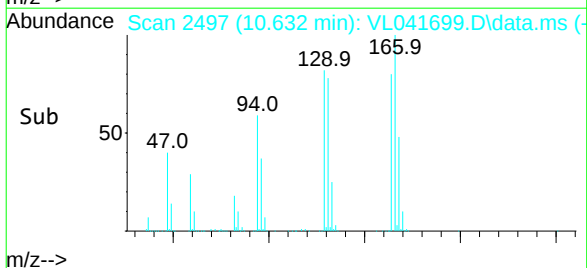
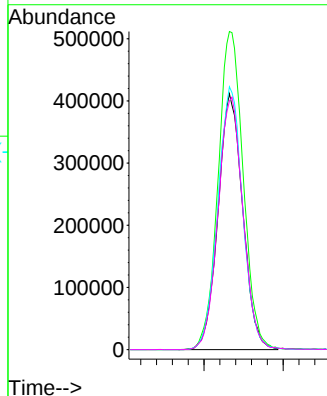
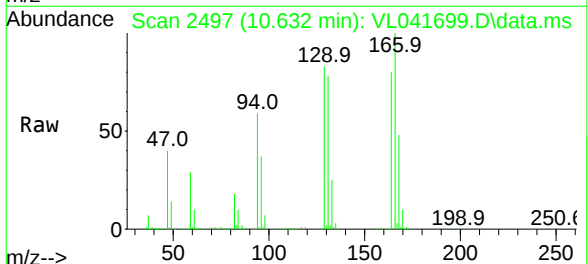
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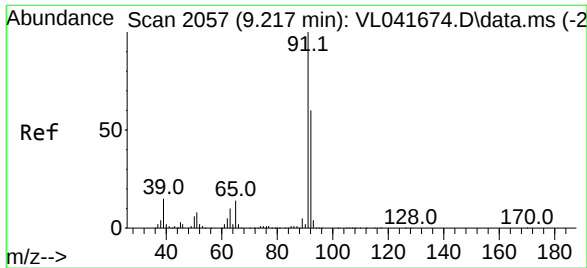
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#52
Tetrachloroethene
Concen: 10.856 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.016 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Tgt Ion:164 Resp: 887903
Ion Ratio Lower Upper
164 100
166 124.3 100.2 150.4
129 102.7 79.7 119.5
131 97.2 79.0 118.4





#53

Toluene

Concen: 11.016 ppbv

RT: 9.237 min Scan# 2057

Delta R.T. 0.019 min

Lab File: VL041699.D

Acq: 20 Nov 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

VL1120ABS01

Tgt Ion: 91 Resp: 2780287

Ion Ratio Lower Upper

91 100

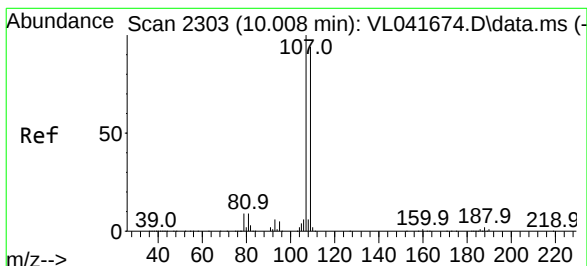
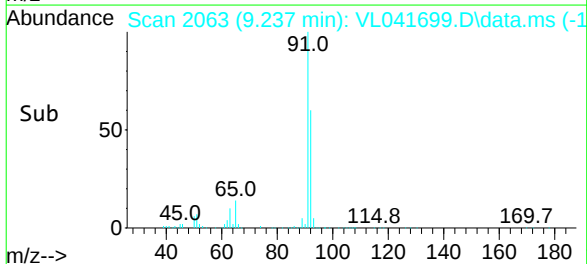
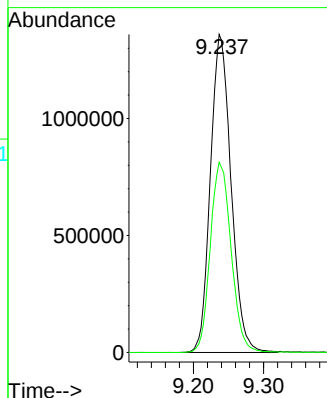
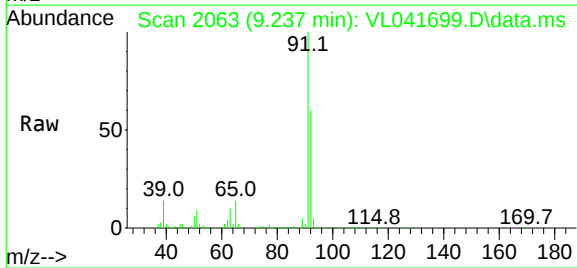
92 60.6 49.0 73.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#54

1,2-Dibromoethane

Concen: 11.206 ppbv

RT: 10.028 min Scan# 2309

Delta R.T. 0.019 min

Lab File: VL041699.D

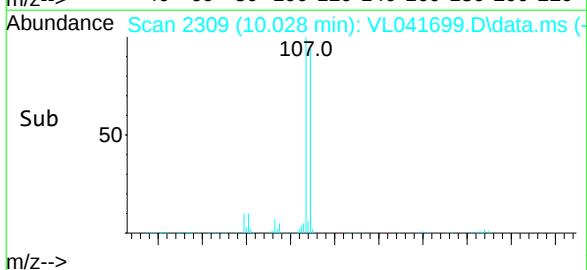
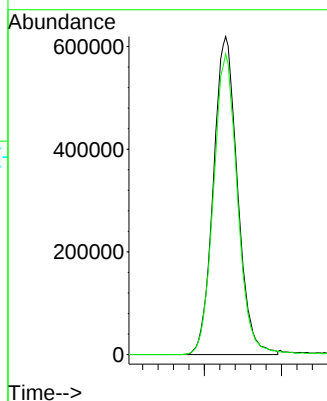
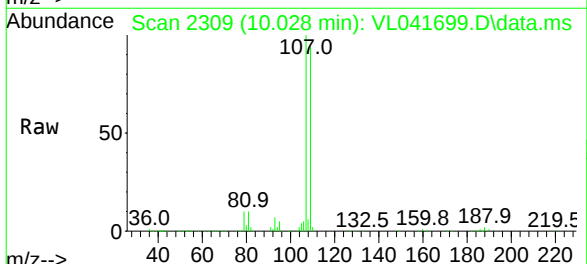
Acq: 20 Nov 2024 13:15

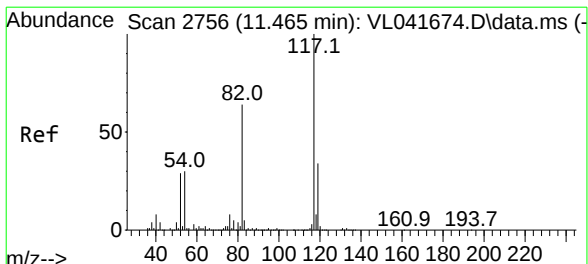
Tgt Ion:107 Resp: 1343883

Ion Ratio Lower Upper

107 100

109 94.5 74.9 112.3





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv m
 RT: 11.484 min Scan# 2756
 Delta R.T. 0.019 min
 Lab File: VL041699.D
 Acq: 20 Nov 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

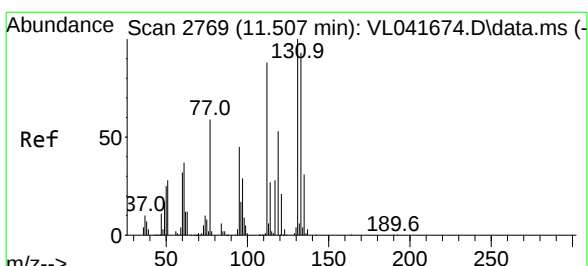
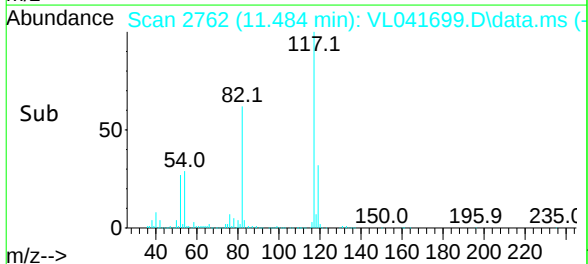
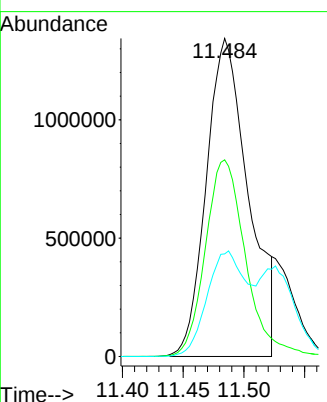
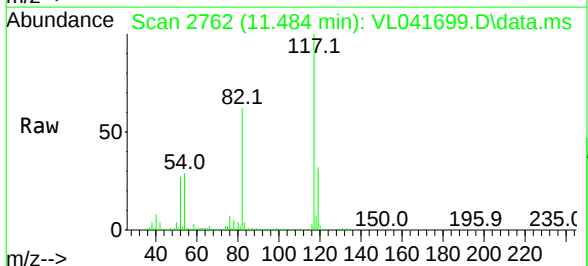
VL1120ABS01

Tgt Ion:117 Resp: 3236609

Ion	Ratio	Lower	Upper
117	100		
82	59.8	49.8	74.8
119	30.4	24.2	36.4

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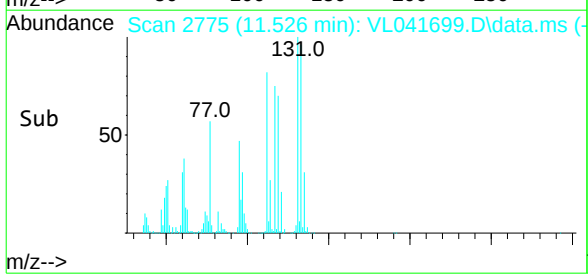
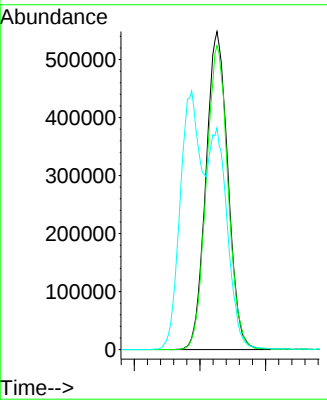
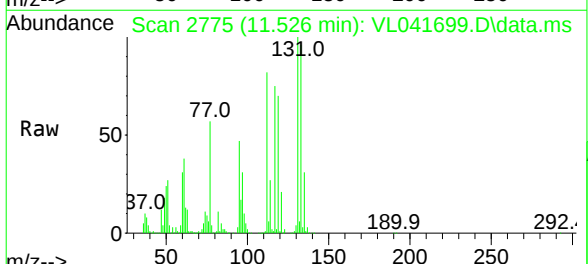
Reviewed By :Semsettin Yesilyurt 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024

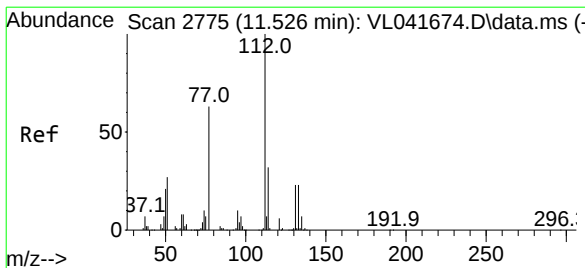


#56
 1,1,1,2-Tetrachloroethane
 Concen: 9.534 ppbv
 RT: 11.526 min Scan# 2775
 Delta R.T. 0.019 min
 Lab File: VL041699.D
 Acq: 20 Nov 2024 13:15

Tgt Ion:131 Resp: 1272657

Ion	Ratio	Lower	Upper
131	100		
133	94.6	76.5	114.7
119	63.0	49.8	74.8





#57

Chlorobenzene

Concen: 9.291 ppbv

RT: 11.542 min Scan# 2775

Delta R.T. 0.016 min

Lab File: VL041699.D

Acq: 20 Nov 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

VL1120ABS01

Tgt Ion:112 Resp: 2224042

Ion Ratio Lower Upper

112 100

77 66.4 51.4 77.2

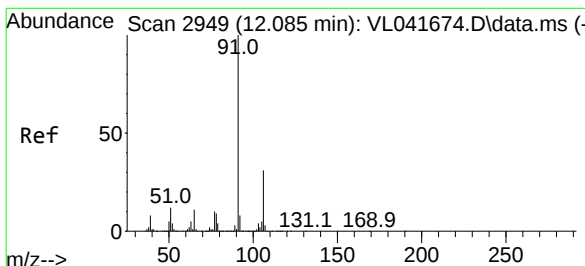
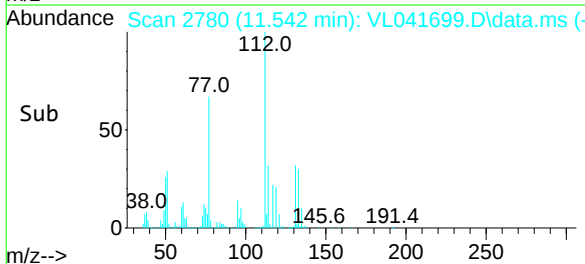
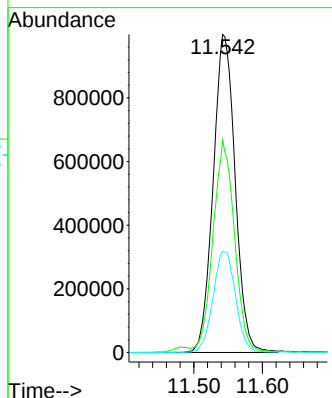
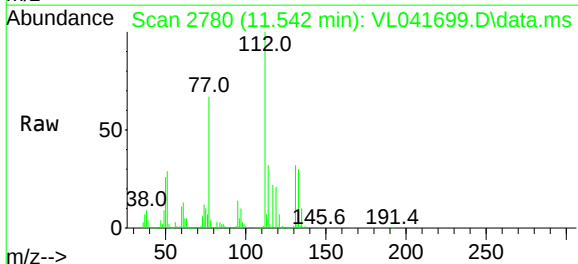
114 31.8 28.4 34.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#58

Ethyl Benzene

Concen: 10.650 ppbv

RT: 12.105 min Scan# 2955

Delta R.T. 0.019 min

Lab File: VL041699.D

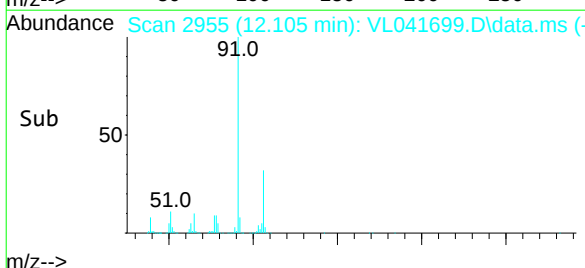
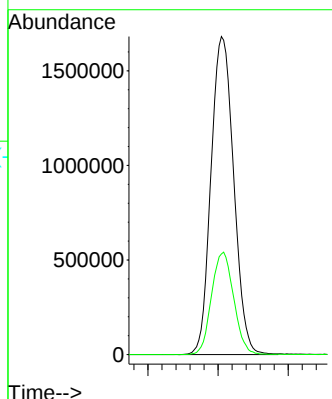
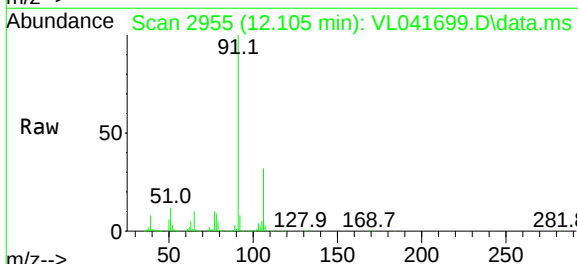
Acq: 20 Nov 2024 13:15

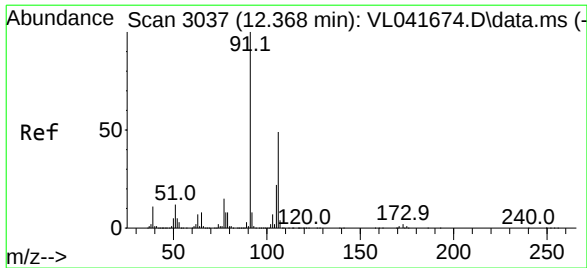
Tgt Ion: 91 Resp: 3779084

Ion Ratio Lower Upper

91 100

106 31.6 24.9 37.3





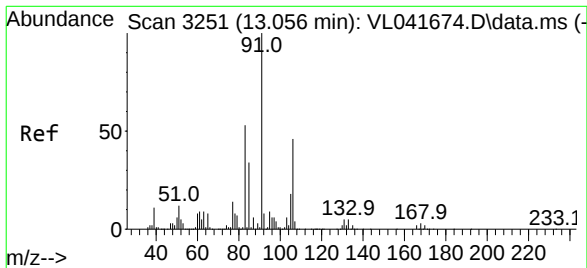
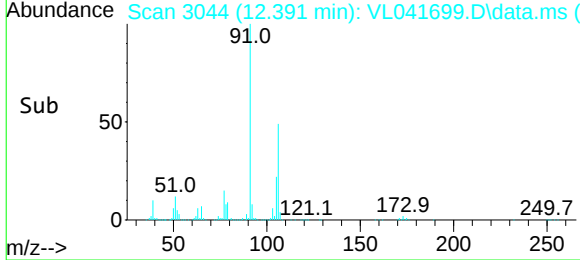
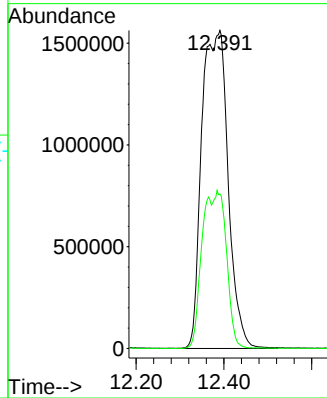
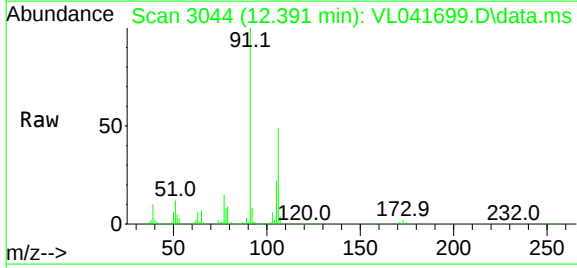
#59
m/p-Xylene
Concen: 20.446 ppbv m
RT: 12.391 min Scan# 3037
Delta R.T. 0.023 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01

Tgt Ion: 91 Resp: 6496748
Ion Ratio Lower Upper
91 100
106 45.9 36.9 55.3

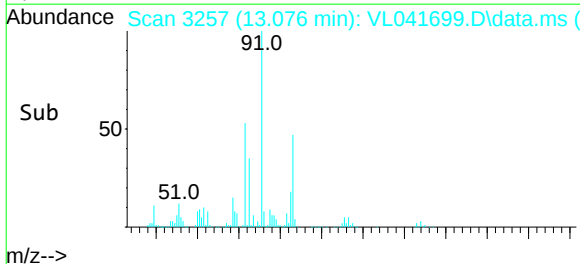
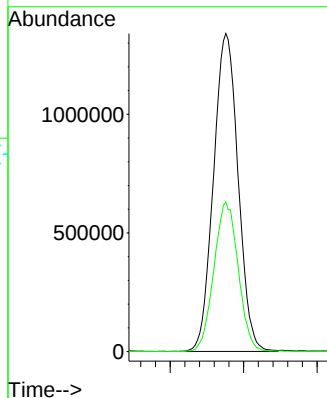
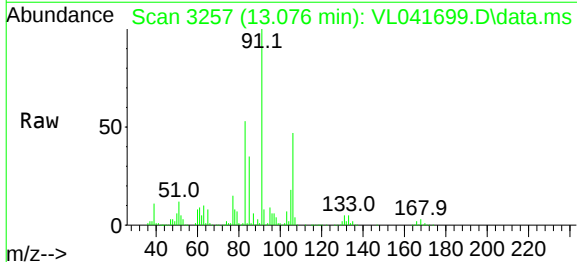
Manual Integrations
APPROVED

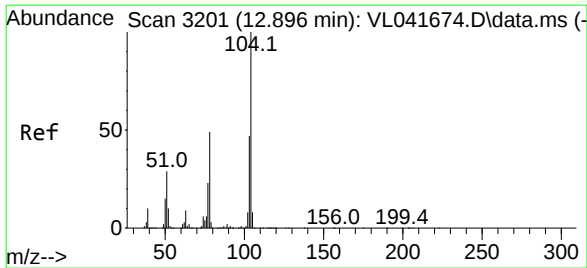
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#60
o-Xylene
Concen: 10.271 ppbv
RT: 13.076 min Scan# 3257
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

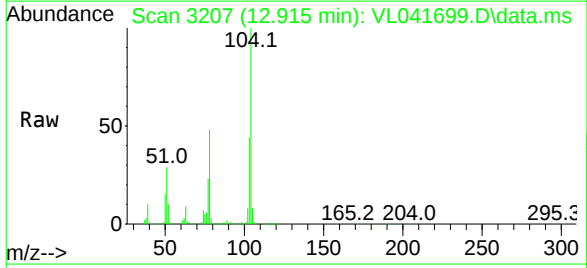
Tgt Ion: 91 Resp: 3111959
Ion Ratio Lower Upper
91 100
106 46.6 23.2 69.6





#61
Styrene
Concen: 12.024 ppbv
RT: 12.915 min Scan# 3207
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

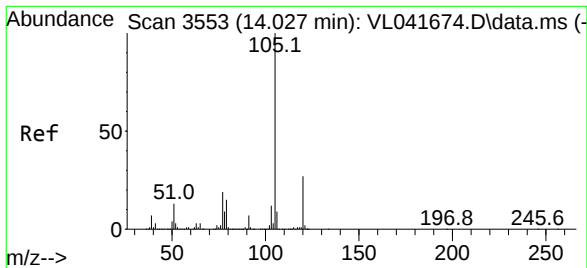
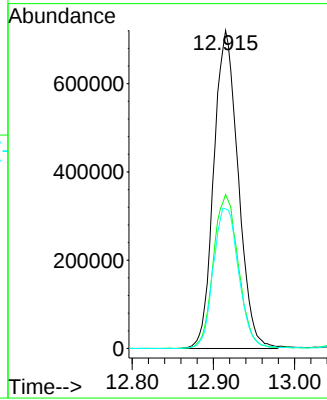
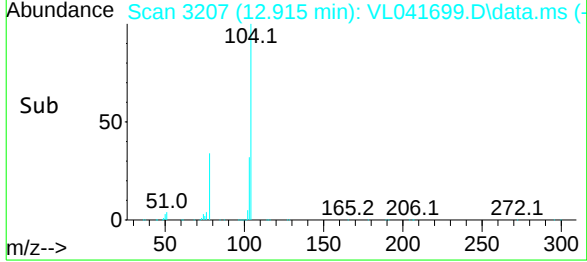
Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01



Tgt Ion:104 Resp: 1503740
Ion Ratio Lower Upper
104 100
78 49.9 39.8 59.8
103 46.4 37.4 56.0

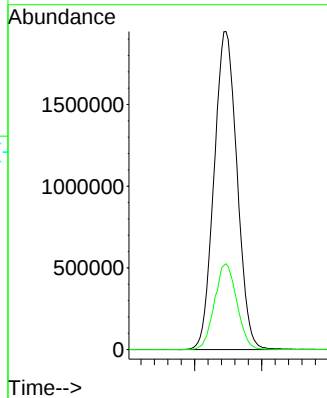
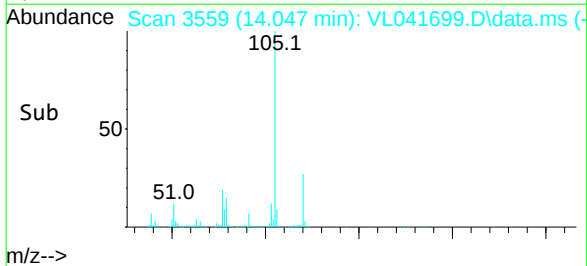
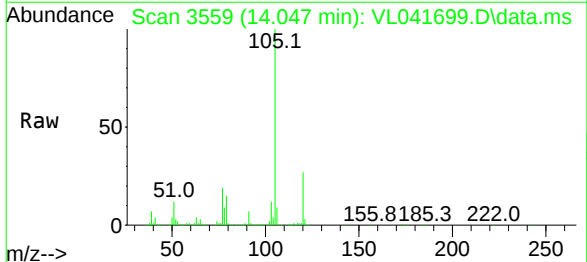
Manual Integrations
APPROVED

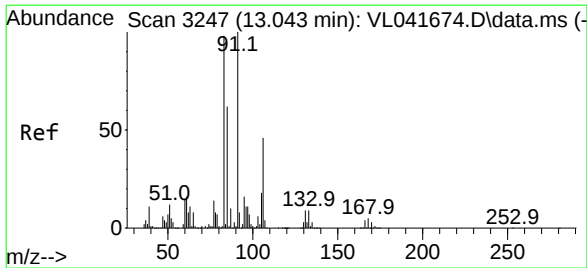
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#62
Isopropylbenzene
Concen: 9.890 ppbv
RT: 14.047 min Scan# 3559
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Tgt Ion:105 Resp: 4628133
Ion Ratio Lower Upper
105 100
120 26.2 21.1 31.7





#63

1,1,2,2-Tetrachloroethane

Concen: 9.779 ppbv

RT: 13.066 min Scan# 32

Delta R.T. 0.023 min

Lab File: VL041699.D

Acq: 20 Nov 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

VL1120ABS01

Tgt Ion: 83 Resp: 2179613

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

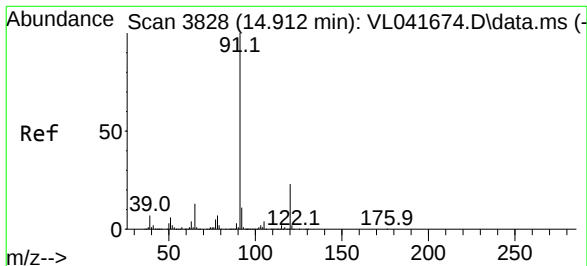
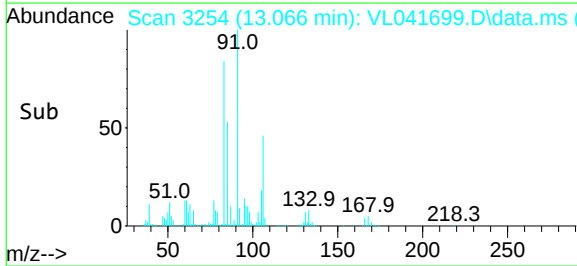
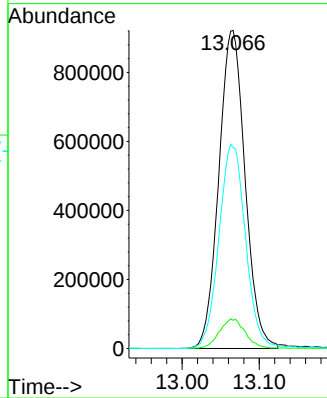
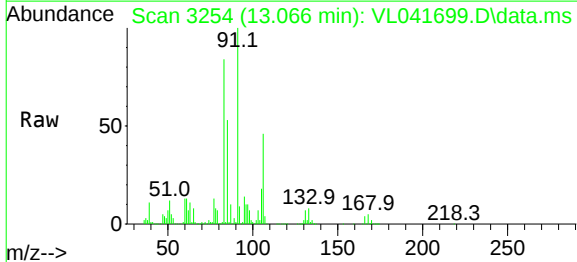
85 65.4 32.6 98.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#64

n-propylbenzene

Concen: 10.321 ppbv

RT: 14.931 min Scan# 3834

Delta R.T. 0.019 min

Lab File: VL041699.D

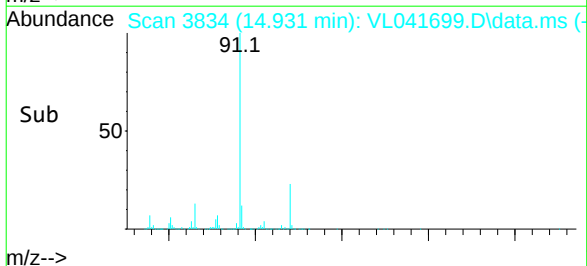
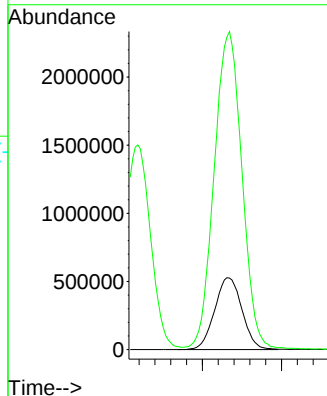
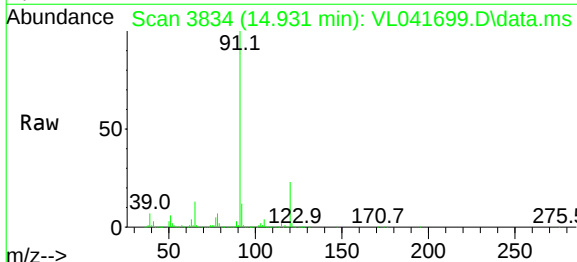
Acq: 20 Nov 2024 13:15

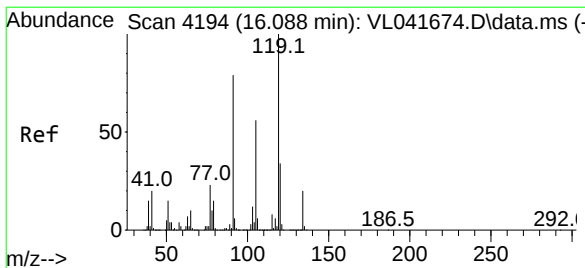
Tgt Ion:120 Resp: 1264315

Ion Ratio Lower Upper

120 100

91 451.4 362.4 543.6





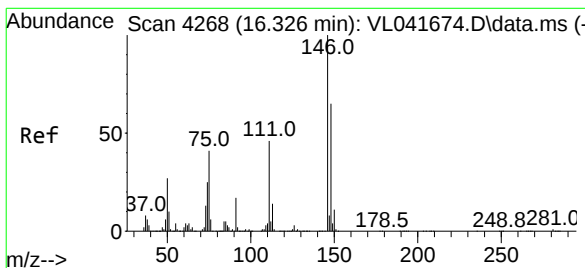
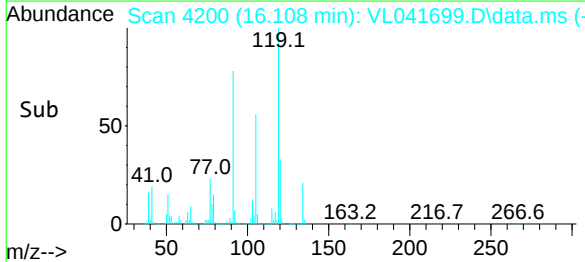
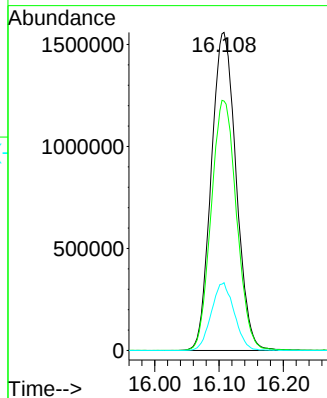
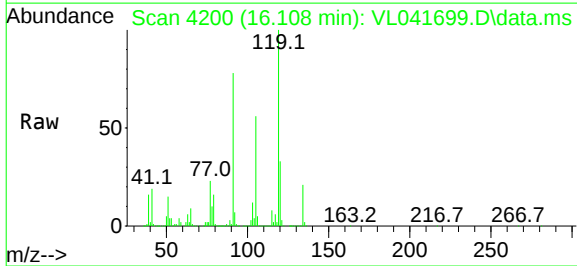
#65
tert-Butylbenzene
Concen: 9.953 ppbv
RT: 16.108 min Scan# 4275
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01

Tgt Ion: 119 Resp: 4185885
Ion Ratio Lower Upper
119 100
91 80.3 64.3 96.5
134 19.8 15.8 23.8

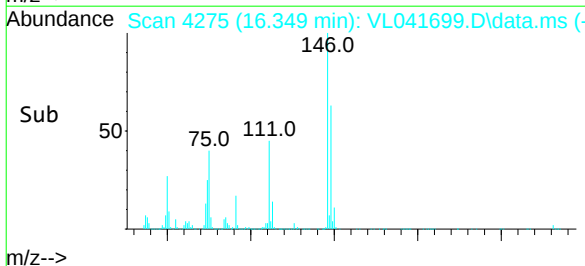
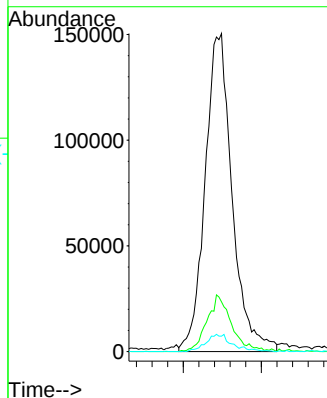
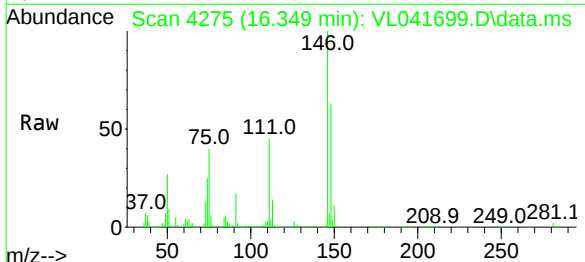
Manual Integrations
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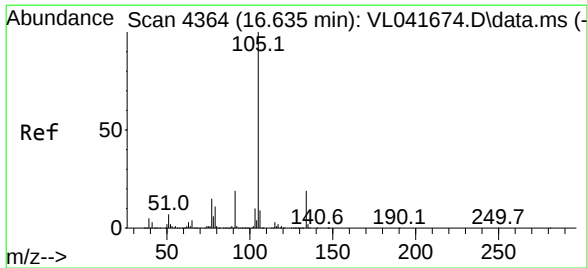
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#66
Benzyl Chloride
Concen: 11.200 ppbv m
RT: 16.349 min Scan# 4275
Delta R.T. 0.023 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Tgt Ion: 91 Resp: 362387
Ion Ratio Lower Upper
91 100
126 16.5 13.8 20.6
128 5.3 4.3 6.5





#67

sec-Butylbenzene

Concen: 9.974 ppbv

RT: 16.651 min Scan# 43

Delta R.T. 0.016 min

Lab File: VL041699.D

Acq: 20 Nov 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

VL1120ABS01

Tgt Ion:105 Resp: 5912468

Ion Ratio Lower Upper

105 100

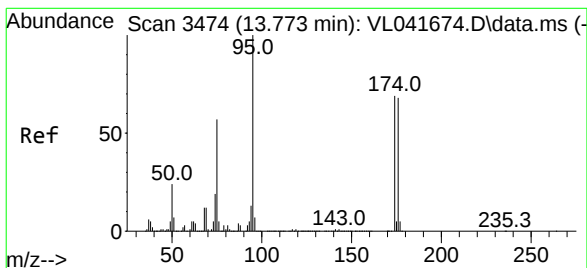
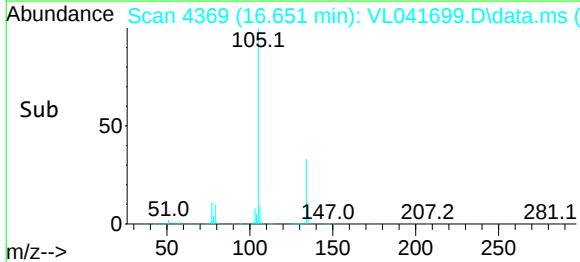
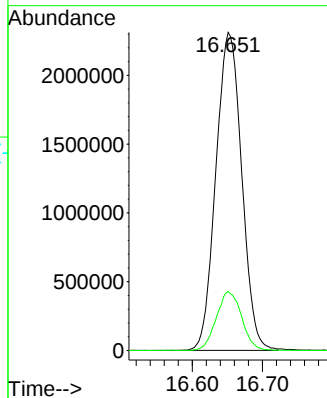
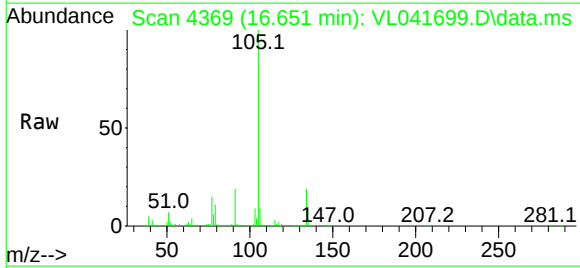
134 18.2 14.6 22.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 9.768 ppbv

RT: 13.793 min Scan# 3480

Delta R.T. 0.019 min

Lab File: VL041699.D

Acq: 20 Nov 2024 13:15

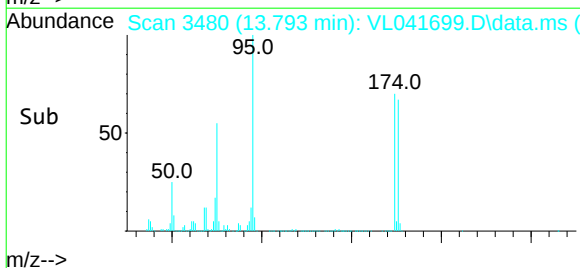
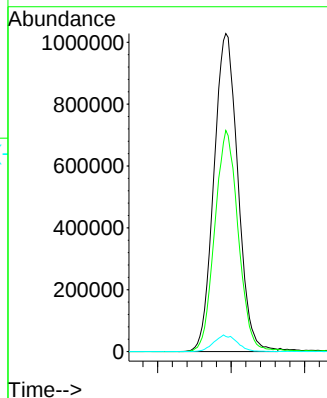
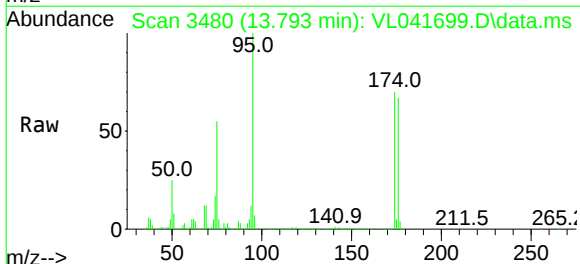
Tgt Ion: 95 Resp: 2329378

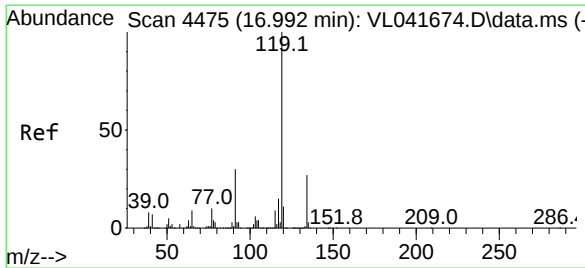
Ion Ratio Lower Upper

95 100

174 68.9 55.6 83.4

175 5.1 4.2 6.2





#69

p-Isopropyltoluene

Concen: 10.341 ppbv

RT: 17.011 min Scan# 4475

Delta R.T. 0.019 min

Lab File: VL041699.D

Acq: 20 Nov 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

VL1120ABS01

Tgt Ion: 119 Resp: 4955798

Ion Ratio Lower Upper

119 100

134 25.7 20.8 31.2

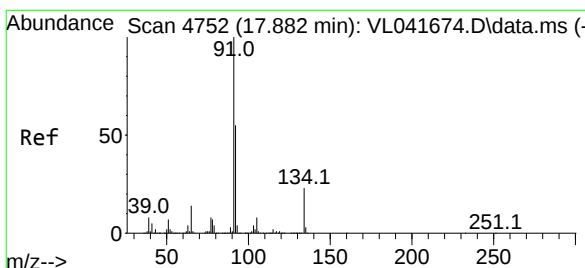
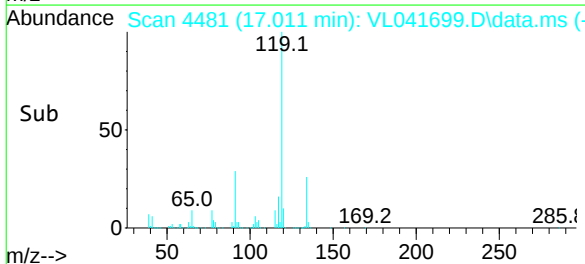
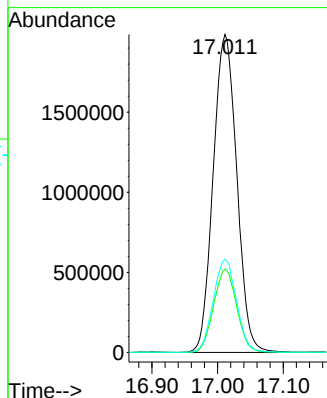
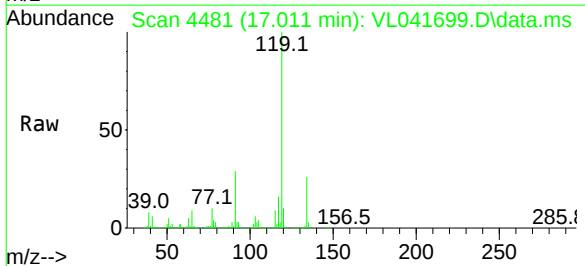
91 28.9 23.2 34.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#70

n-Butylbenzene

Concen: 10.390 ppbv

RT: 17.902 min Scan# 4758

Delta R.T. 0.019 min

Lab File: VL041699.D

Acq: 20 Nov 2024 13:15

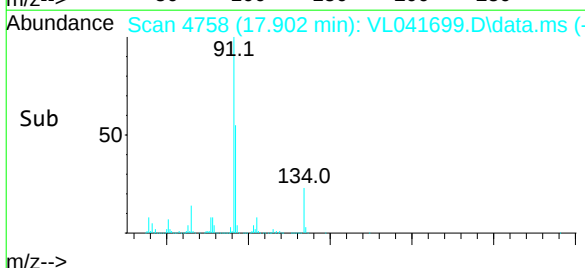
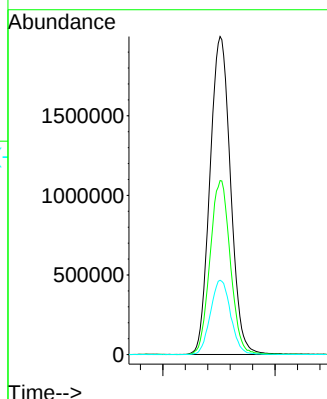
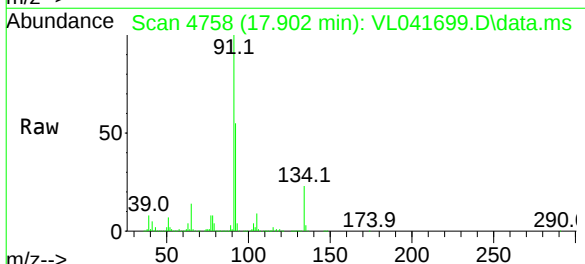
Tgt Ion: 91 Resp: 5094738

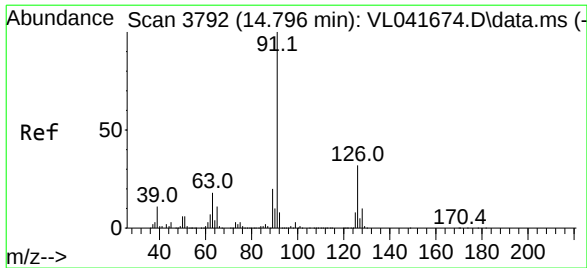
Ion Ratio Lower Upper

91 100

92 54.0 43.3 64.9

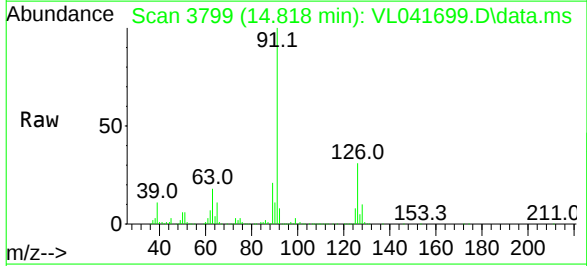
134 23.1 18.4 27.6





#71
2-Chlorotoluene
Concen: 10.366 ppbv
RT: 14.818 min Scan# 3792
Delta R.T. 0.023 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

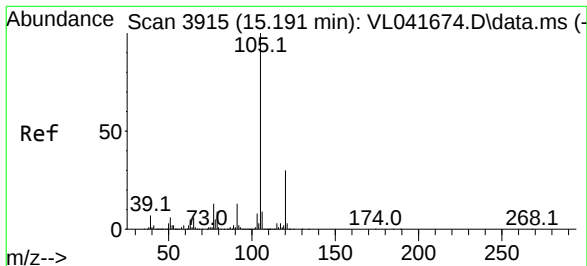
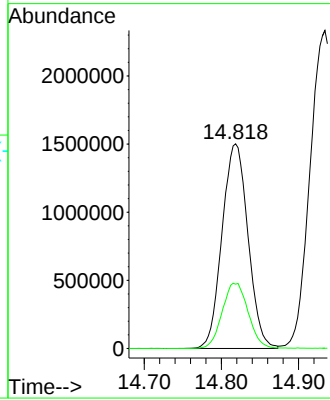
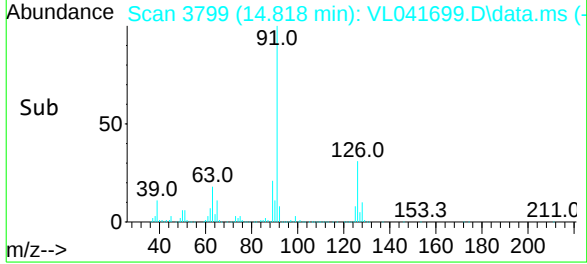
Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01



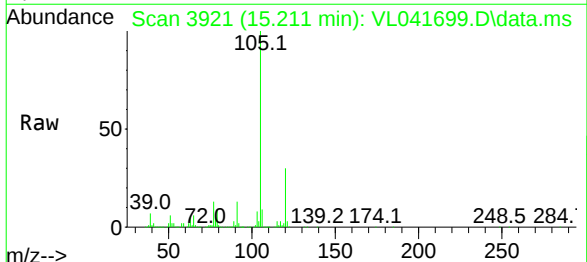
Tgt Ion: 91 Resp: 3506297
Ion Ratio Lower Upper
91 100
126 32.2 12.8 51.0

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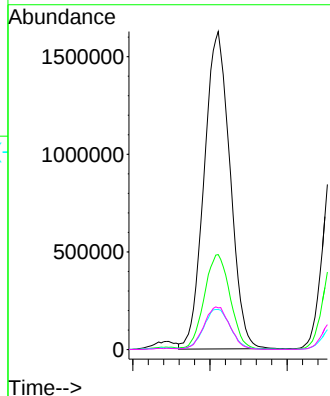
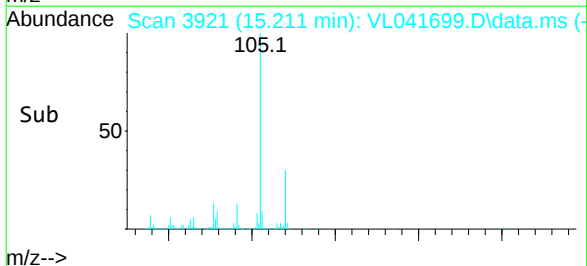
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

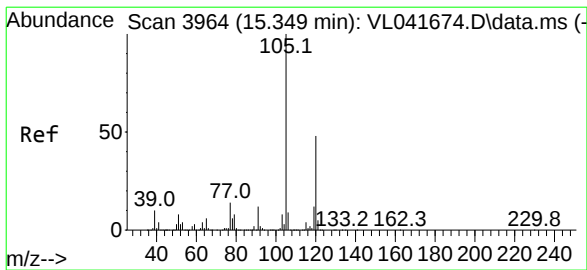


#72
4-Ethyltoluene
Concen: 10.760 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15



Tgt Ion:105 Resp: 3790505
Ion Ratio Lower Upper
105 100
120 30.8 25.0 37.4
91 13.1 10.6 15.8
77 14.0 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.494 ppbv

RT: 15.368 min Scan# 39

Delta R.T. 0.019 min

Lab File: VL041699.D

Acq: 20 Nov 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

VL1120ABS01

Tgt Ion:105 Resp: 3243824

Ion Ratio Lower Upper

105 100

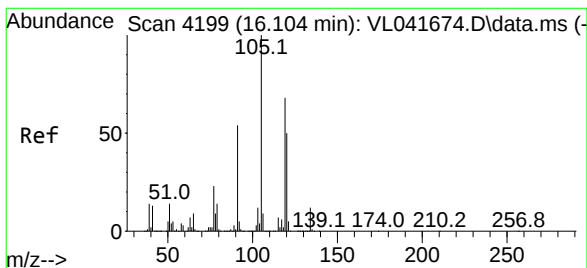
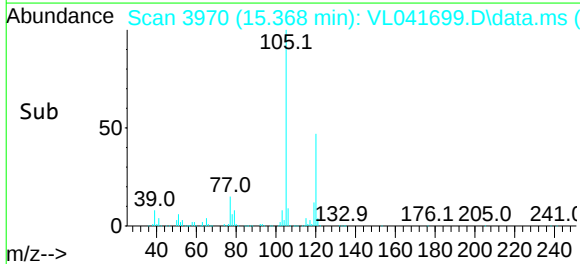
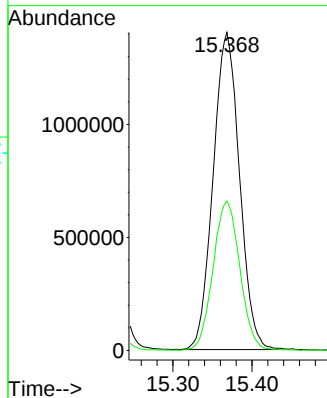
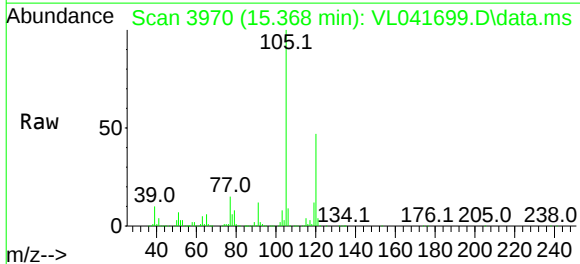
120 47.1 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#74

1,2,4-Trimethylbenzene

Concen: 10.016 ppbv

RT: 16.124 min Scan# 4205

Delta R.T. 0.019 min

Lab File: VL041699.D

Acq: 20 Nov 2024 13:15

Tgt Ion:105 Resp: 3596562

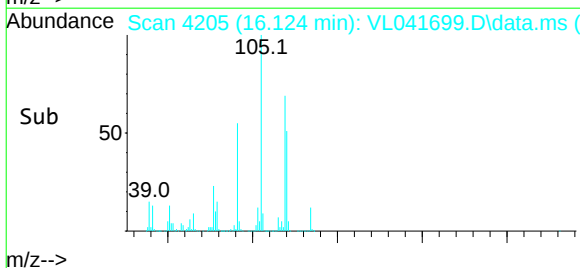
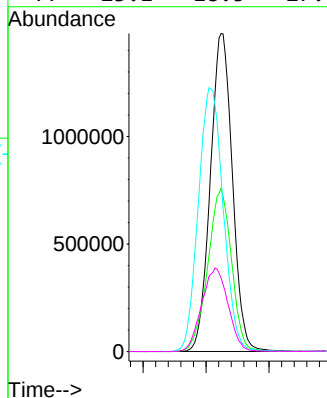
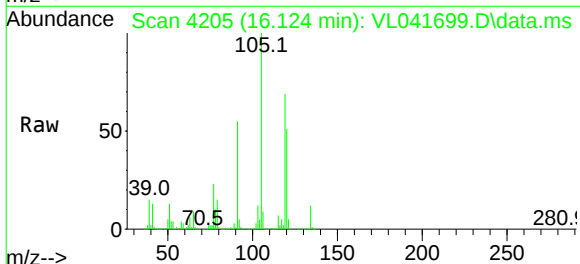
Ion Ratio Lower Upper

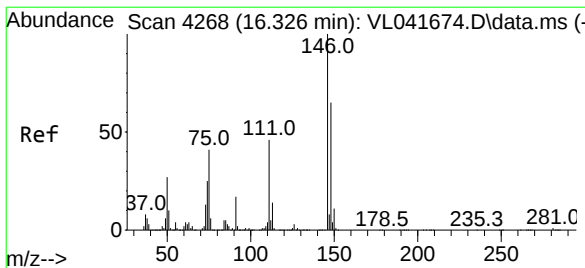
105 100

120 51.2 39.8 59.8

91 54.9 43.2 64.8

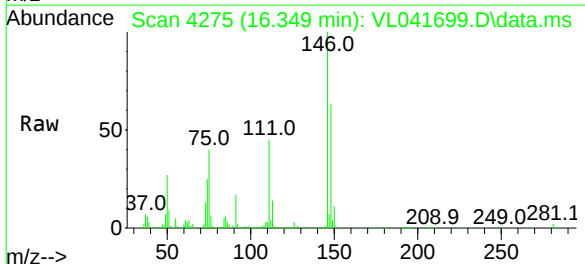
77 23.1 18.5 27.7





#75
1,3-Dichlorobenzene
Concen: 9.942 ppbv
RT: 16.349 min Scan# 4268
Delta R.T. 0.023 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

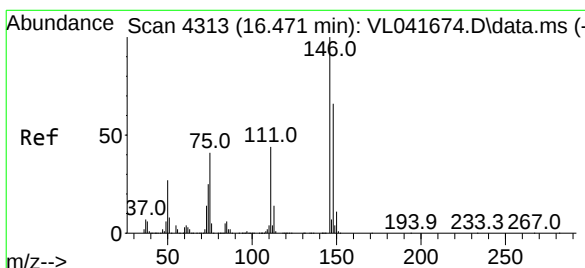
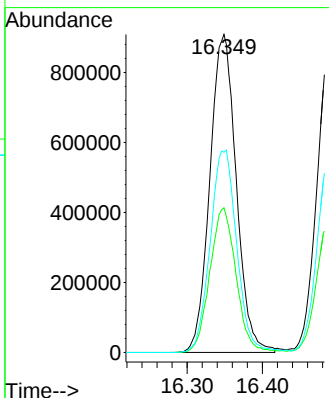
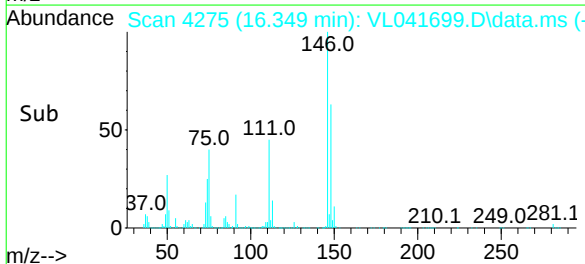
Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01



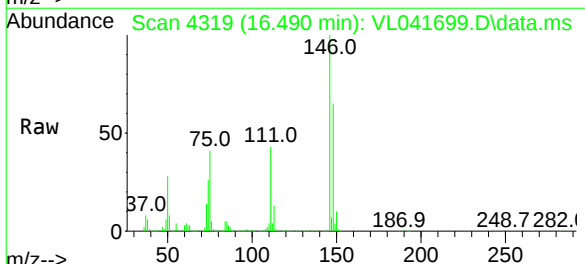
Tgt Ion:146 Resp: 2210855
Ion Ratio Lower Upper
146 100
111 45.2 22.8 68.3
148 64.1 32.4 97.0

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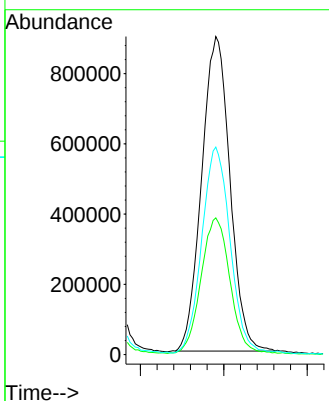
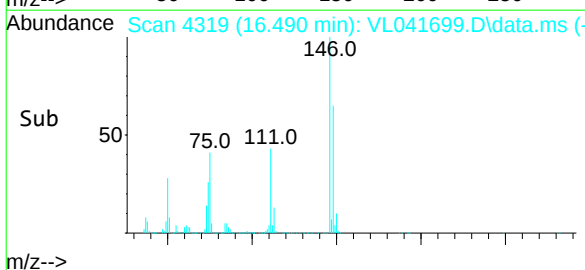
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

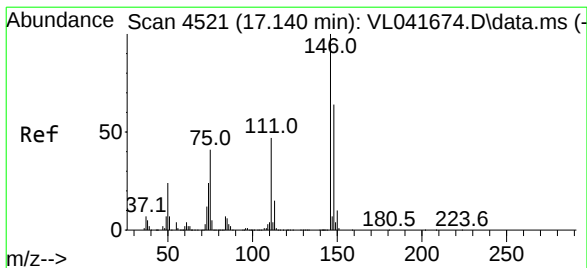


#76
1,4-Dichlorobenzene
Concen: 9.858 ppbv
RT: 16.490 min Scan# 4319
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15



Tgt Ion:146 Resp: 2115126
Ion Ratio Lower Upper
146 100
111 45.3 22.1 66.3
148 67.4 33.3 99.8





#77

1,2-Dichlorobenzene

Concen: 9.780 ppbv

RT: 17.162 min Scan# 45

Delta R.T. 0.023 min

Lab File: VL041699.D

Acq: 20 Nov 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

VL1120ABS01

Tgt Ion:146 Resp: 2154411

Ion Ratio Lower Upper

146 100

111 46.7 23.4 70.3

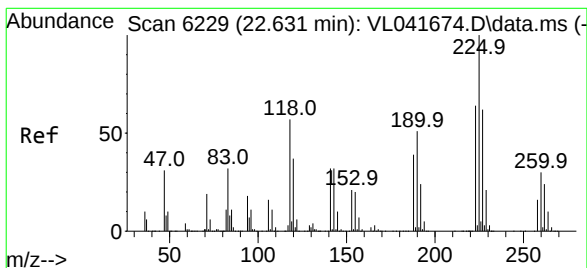
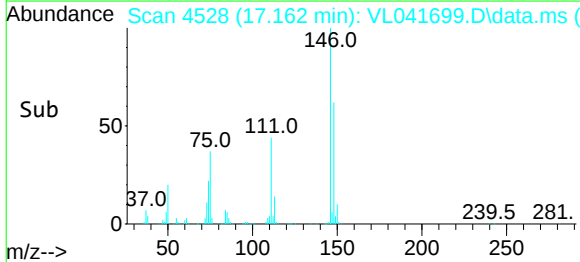
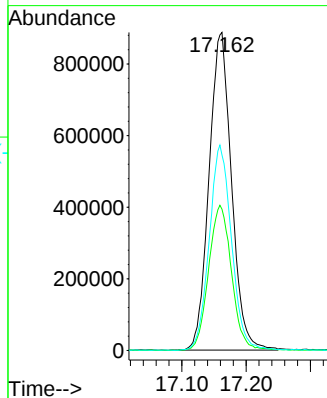
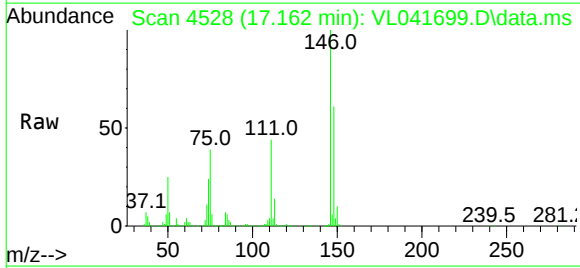
148 64.3 32.1 96.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.312 ppbv

RT: 22.651 min Scan# 6235

Delta R.T. 0.019 min

Lab File: VL041699.D

Acq: 20 Nov 2024 13:15

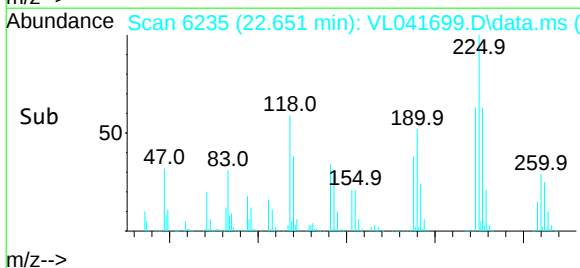
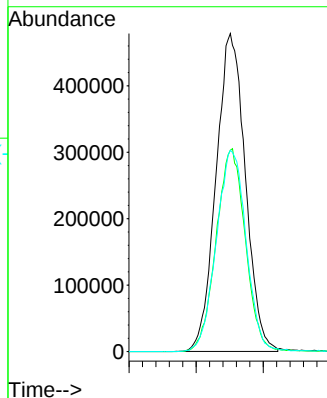
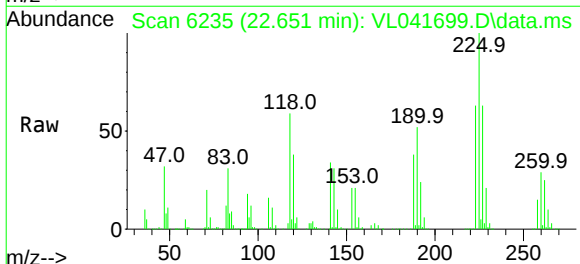
Tgt Ion:225 Resp: 1448199

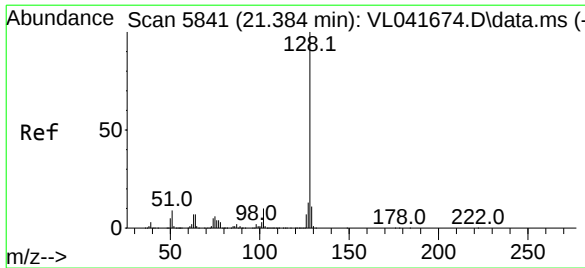
Ion Ratio Lower Upper

225 100

223 63.8 51.1 76.7

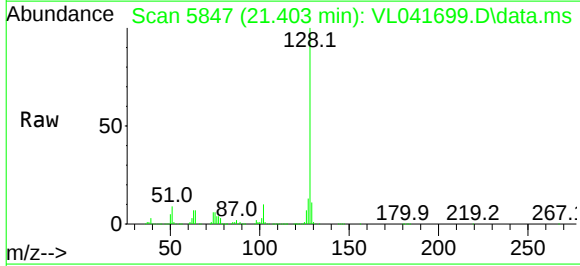
227 64.8 51.3 76.9





#79
Naphthalene
Concen: 13.117 ppbv
RT: 21.403 min Scan# 5841
Delta R.T. 0.019 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

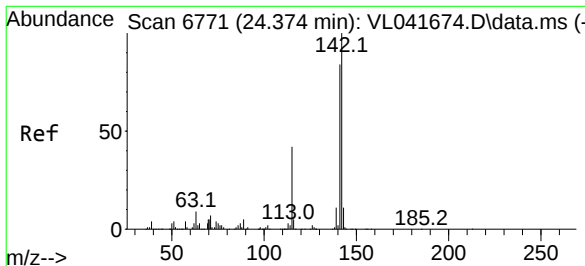
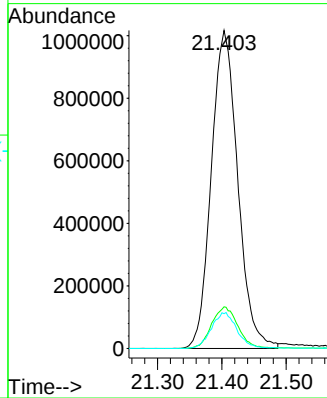
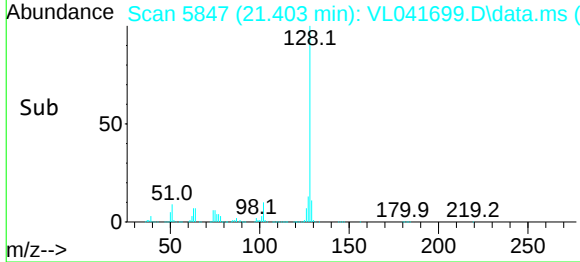
Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01



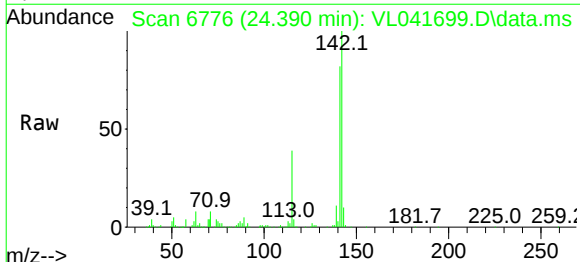
Tgt Ion:128 Resp: 2907132
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
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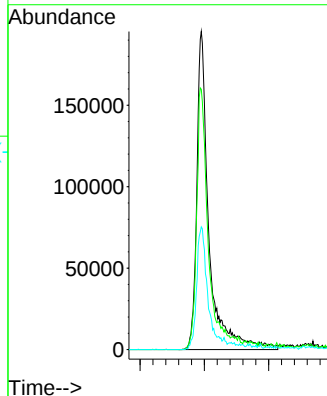
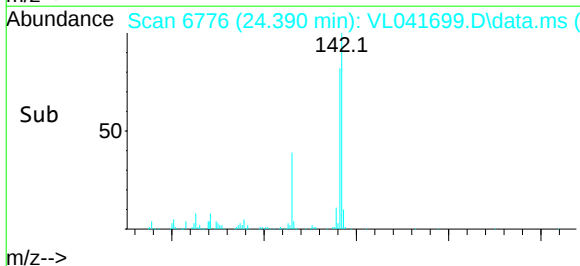
Reviewed By :Semsettin Yesilyurt 11/21/2024
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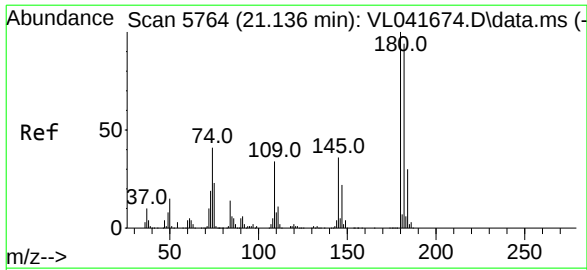


#80
Naphthalene,2-methyl-
Concen: 10.643 ppbv
RT: 24.390 min Scan# 6776
Delta R.T. 0.016 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15



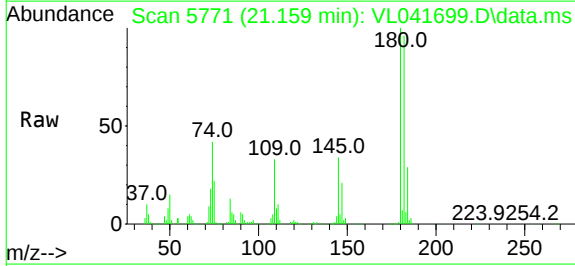
Tgt Ion:142 Resp: 514199
Ion Ratio Lower Upper
142 100
141 79.1 68.1 102.1
115 37.3 33.1 49.7





#81
1,2,4-Trichlorobenzene
Concen: 10.513 ppbv
RT: 21.159 min Scan# 57
Delta R.T. 0.023 min
Lab File: VL041699.D
Acq: 20 Nov 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :
VL1120ABS01



Tgt Ion:180 Resp: 1465322
Ion Ratio Lower Upper
180 100
182 97.9 78.2 117.2
184 30.8 25.0 37.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

