

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041208.D
 Acq On : 3 May 2024 8:17
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/06/2024
 Supervised By : Mahesh Dadoda 05/07/2024

Quant Time: May 06 01:23:43 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

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

QLast Update : Fri May 03 03:34:47 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	948367	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2455244	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.449	117	2355467	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.761 95 1787733 10.053 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.729	85	1339430	10.441	ppbv	100
3) Chlorodifluoromethane	2.674	51	1389847	9.649	ppbv	99
4) Chloromethane	2.809	50	552582	9.777	ppbv	96
5) Vinyl Chloride	2.915	62	552933	9.739	ppbv	99
6) Bromomethane	3.115	94	186851	9.020	ppbv	99
7) Chloroethane	3.195	64	189313	9.444	ppbv	98
8) Dichlorotetrafluoroethane	2.854	85	1306092	9.837	ppbv	99
9) Propene	2.690	41	523721	9.291	ppbv	100
10) Heptane	7.565	43	1265854	9.269	ppbv	100
11) Trichlorofluoromethane	3.555	101	1337248	10.257	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.057	101	973907	10.102	ppbv	99
13) Ethanol	3.234	45	117798	9.322	ppbv	97
14) Bromoethene	3.362	108	386160	9.705	ppbv	99
15) Acetone	3.462	43	1022251	9.133	ppbv	98
16) 1,3-Butadiene	2.980	39	559817	9.908	ppbv	98
17) tert-Butyl alcohol	3.870	59	1134521	9.397	ppbv	99
18) 1,1-Dichloroethene	3.870	96	437243	10.171	ppbv	97
19) Isopropyl Alcohol	3.568	45	751434	10.231	ppbv #	43
20) Methylene Chloride	3.925	84	369950	9.505	ppbv	97
21) Allyl Chloride	3.989	41	701879	9.617	ppbv	98
22) trans-1,2-Dichloroethene	4.436	96	453968	10.155	ppbv	99
23) Vinyl Acetate	4.616	43	1190878	9.663	ppbv	99
24) 1,1-Dichloroethane	4.555	63	964571	10.065	ppbv	97
25) Ethyl Acetate	5.192	43	2068243	9.258	ppbv	99
26) Hexane	5.201	57	910536	9.133	ppbv	99
27) Carbon Disulfide	4.115	76	1148470	9.732	ppbv	97
28) Methyl tert-Butyl Ether	4.578	73	751488	9.467	ppbv	100
29) Chloroform	5.263	83	1361973	9.903	ppbv	100
30) Cyclohexane	6.590	84	768707	9.741	ppbv	98
31) cis-1,2-Dichloroethene	5.066	61	909239	9.742	ppbv	97
32) 1,1,1-Trichloroethane	5.992	97	1356516	9.885	ppbv	99
34) 2-Butanone	4.777	43	1092508	8.742	ppbv	99
35) Carbon Tetrachloride	6.481	117	1350654	9.802	ppbv	99
36) Benzene	6.359	78	1920216	9.320	ppbv	99
37) 1,2-Dichloroethane	5.793	62	1087077	10.112	ppbv	100
38) Trichloroethene	7.279	130	719425	9.370	ppbv	98
39) 1,2-Dichloropropane	7.060	63	752047	9.471	ppbv	99
40) 1,4-Dioxane	7.272	88	296750	10.461	ppbv	87
41) Tetrahydrofuran	5.542	42	842083	9.308	ppbv	99
42) Bromodichloromethane	7.237	83	1520766	9.864	ppbv	99
43) Methyl Methacrylate	7.459	69	779908	9.359	ppbv	98
44) 2,2,4-Trimethylpentane	7.314	57	3265486	9.192	ppbv	100
45) t-1,3-Dichloropropene	8.693	75	555033	9.191	ppbv	97

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Manual Integrations
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Reviewed By : Semsettin Yesilyurt 05/06/2024
 Supervised By : Mahesh Dadoda 05/07/2024

Quant Time: May 06 01:23:43 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

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

QLast Update : Fri May 03 03:34:47 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	682118	9.226	ppbv	97
47) 1,1,2-Trichloroethane	8.883	97	766947	9.650	ppbv	99
48) Dibromochloromethane	9.693	129	1266604	10.002	ppbv	100
49) Bromoform	12.394	173	1074097	9.970	ppbv	100
50) 4-Methyl-2-Pentanone	8.166	43	2015475	8.987	ppbv	99
51) 2-Hexanone	9.536	43	1473265	8.856	ppbv #	99
52) Tetrachloroethene	10.600	164	674178	9.310	ppbv	98
53) Toluene	9.205	91	2234568	9.353	ppbv	99
54) 1,2-Dibromoethane	9.992	107	1052204	9.774	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.494	131	922511	9.659	ppbv	97
57) Chlorobenzene	11.510	112	1606749	9.314	ppbv	99
58) Ethyl Benzene	12.073	91	2937352	9.095	ppbv	98
59) m/p-Xylene	12.356	91	4956765m	18.260	ppbv	
60) o-Xylene	13.044	91	2346542	9.222	ppbv	100
61) Styrene	12.883	104	1265963	9.418	ppbv	100
62) Isopropylbenzene	14.011	105	3495815	9.185	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.034	83	1642083	9.468	ppbv	99
64) n-propylbenzene	14.902	120	920015	9.689	ppbv	98
65) tert-Butylbenzene	16.076	119	3061681	8.981	ppbv	100
66) Benzyl Chloride	16.314	91	208747	5.410	ppbv	99
67) sec-Butylbenzene	16.622	105	4328861	9.021	ppbv	99
69) p-Isopropyltoluene	16.979	119	3611777	9.133	ppbv	100
70) n-Butylbenzene	17.873	91	3803512	9.209	ppbv	100
71) 2-Chlorotoluene	14.786	91	2689590	9.281	ppbv	99
72) 4-Ethyltoluene	15.179	105	2787821	9.673	ppbv	98
73) 1,3,5-Trimethylbenzene	15.336	105	2416615	9.267	ppbv	99
74) 1,2,4-Trimethylbenzene	16.092	105	2637848	9.262	ppbv	98
75) 1,3-Dichlorobenzene	16.317	146	1559284	9.548	ppbv	100
76) 1,4-Dichlorobenzene	16.458	146	1542079	9.819	ppbv	99
77) 1,2-Dichlorobenzene	17.127	146	1528067	9.361	ppbv	99
78) Hexachloro-1,3-Butadiene	22.616	225	1140684	7.862	ppbv	99
79) Naphthalene	21.368	128	2641678	9.740	ppbv	98
80) Naphthalene,2-methyl-	24.361	142	835658	7.659	ppbv	100
81) 1,2,4-Trichlorobenzene	21.124	180	1313432	9.172	ppbv	100

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

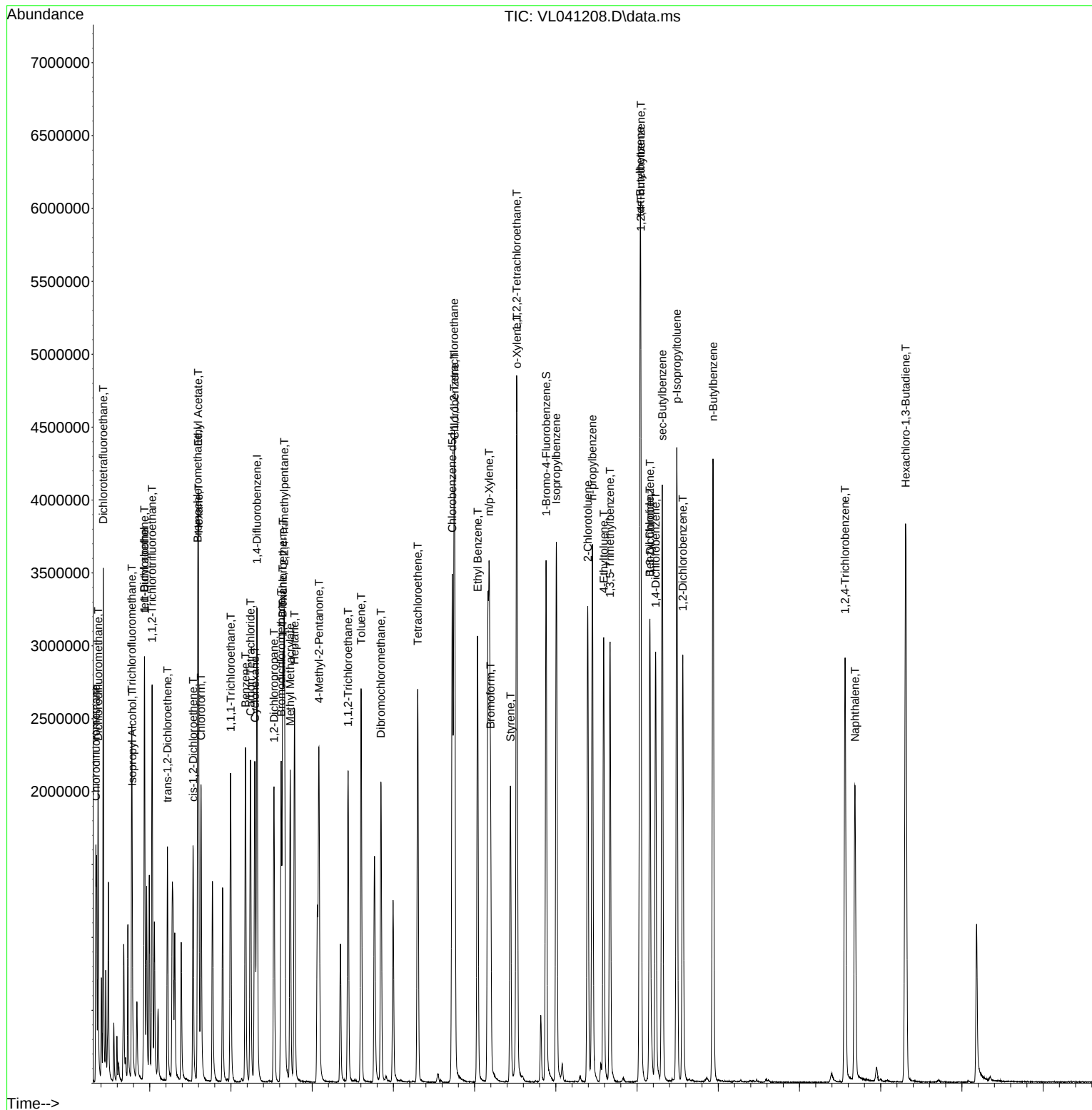
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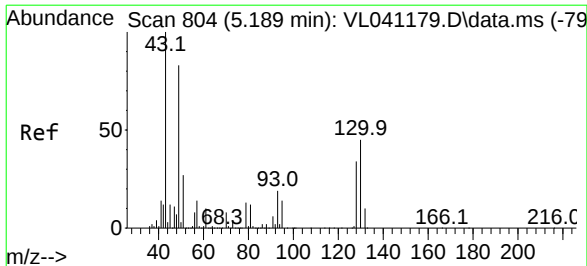
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 05/06/2024
Supervised By : Mahesh Dadoda 05/07/2024

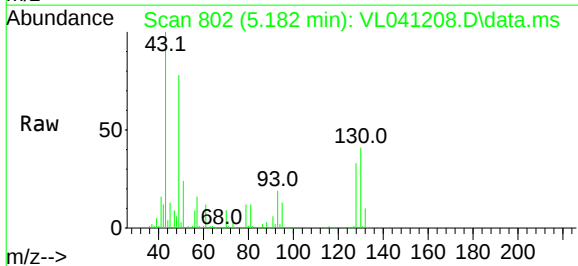
Quant Time: May 06 01:23:43 2024
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QLast Update : Fri May 03 03:34:47 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

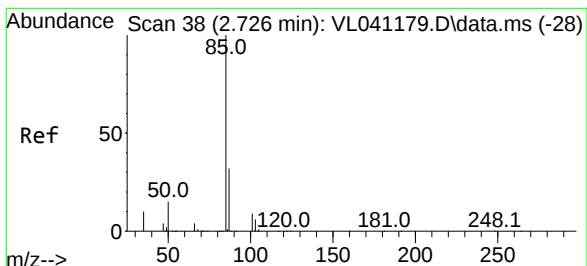
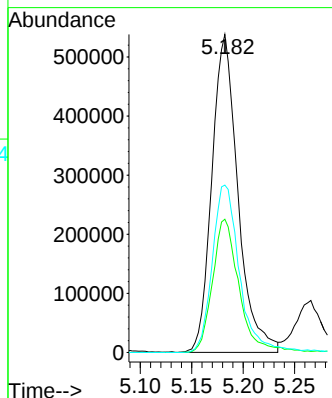
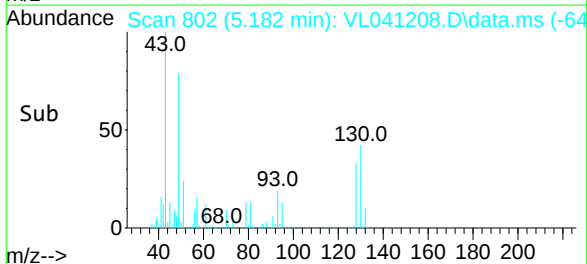
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 948367
Ion Ratio Lower Upper
49 100
128 43.3 21.5 64.5
130 56.0 27.2 81.6

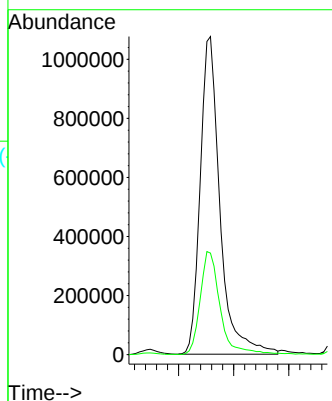
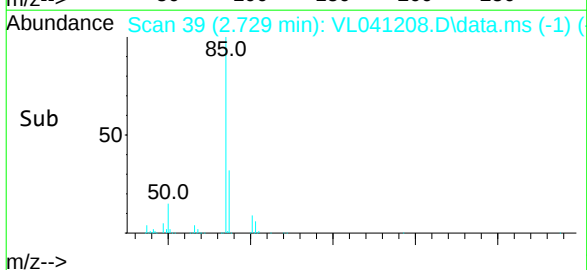
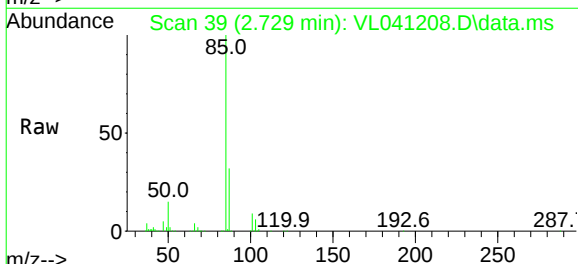
Manual Integrations
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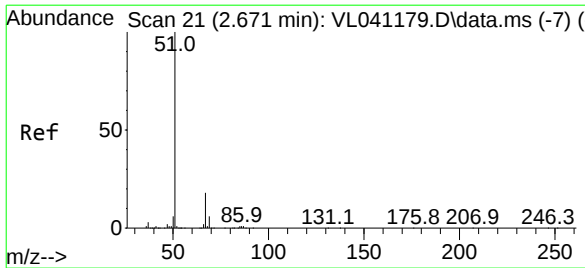
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#2
Dichlorodifluoromethane
Concen: 10.441 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.003 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

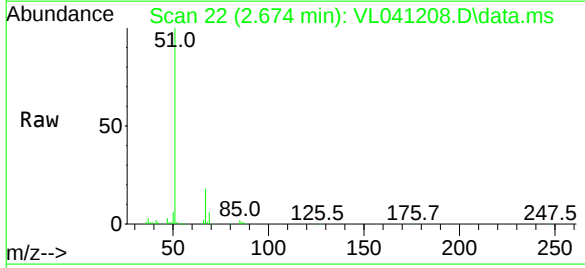
Tgt Ion: 85 Resp: 1339430
Ion Ratio Lower Upper
85 100
87 31.9 25.7 38.5





#3
Chlorodifluoromethane
Concen: 9.649 ppbv
RT: 2.674 min Scan# 22
Delta R.T. 0.003 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

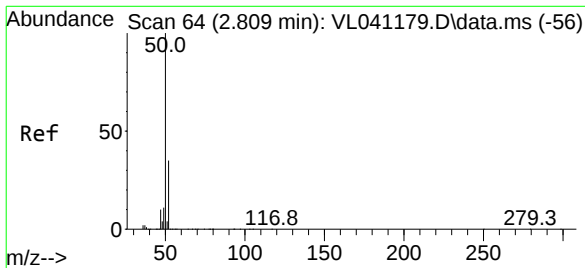
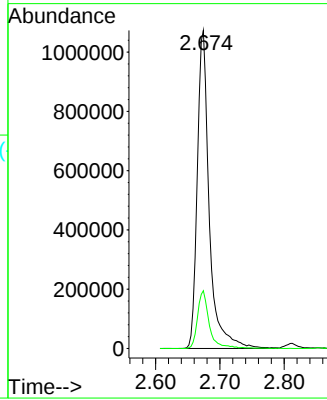
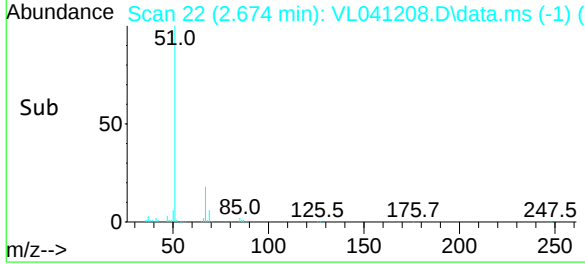
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 1389847
Ion Ratio Lower Upper
51 100
67 17.9 14.0 21.0

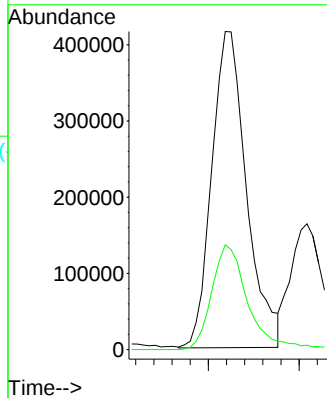
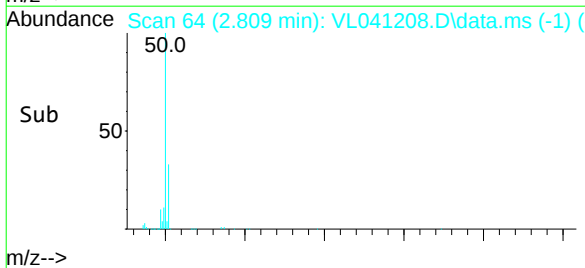
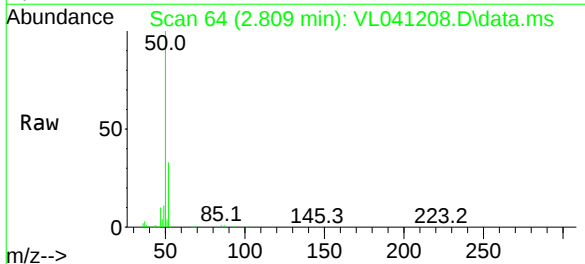
Manual Integrations
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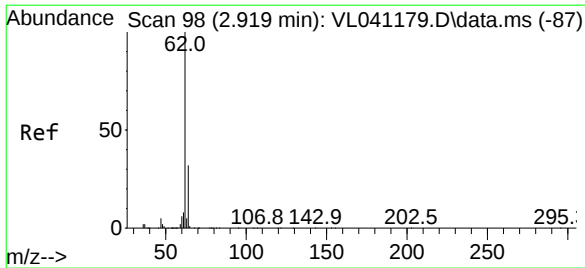
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#4
Chloromethane
Concen: 9.777 ppbv
RT: 2.809 min Scan# 64
Delta R.T. -0.000 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 50 Resp: 552582
Ion Ratio Lower Upper
50 100
52 33.2 28.3 42.5





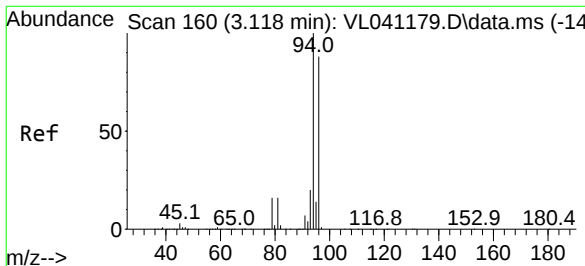
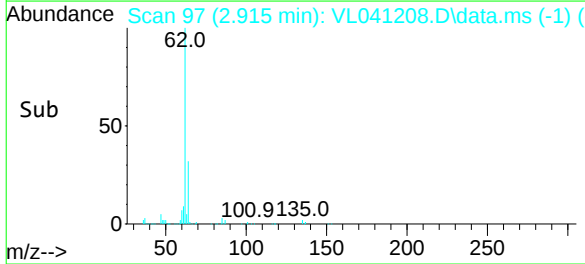
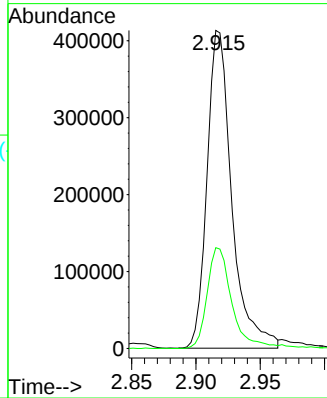
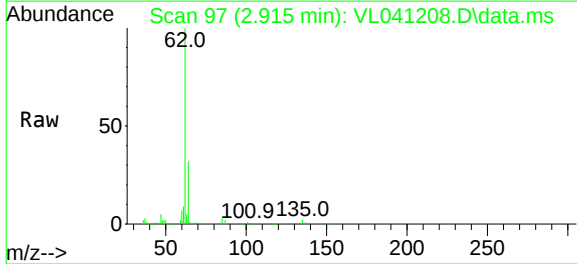
#5
 Vinyl Chloride
 Concen: 9.739 ppbv
 RT: 2.915 min Scan# 97
 Delta R.T. -0.003 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 552933
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.7 38.5

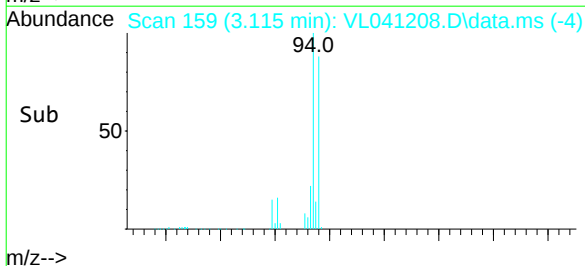
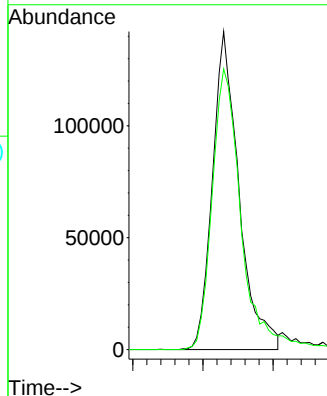
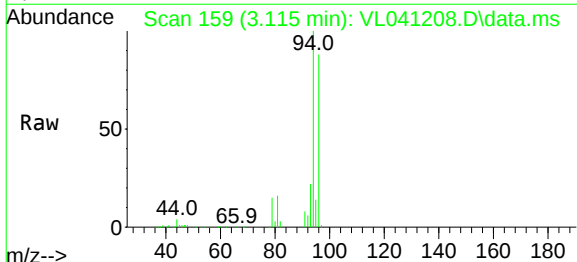
Manual Integrations
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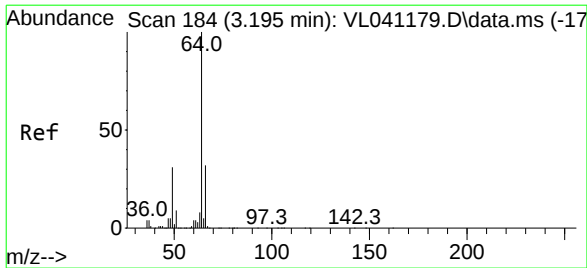
Reviewed By :Semsettin Yesilyurt 05/06/2024
 Supervised By :Mahesh Dadoda 05/07/2024



#6
 Bromomethane
 Concen: 9.020 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. -0.003 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

Tgt Ion: 94 Resp: 186851
 Ion Ratio Lower Upper
 94 100
 96 88.3 70.1 105.1





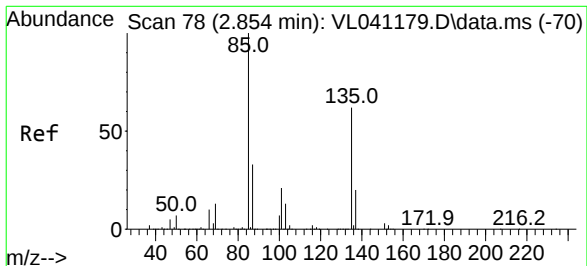
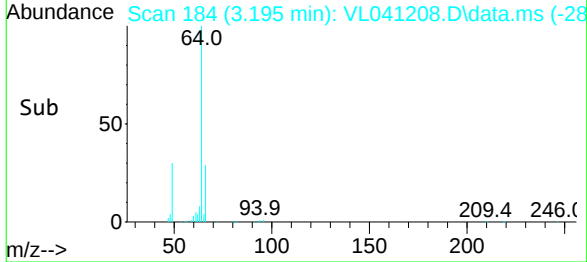
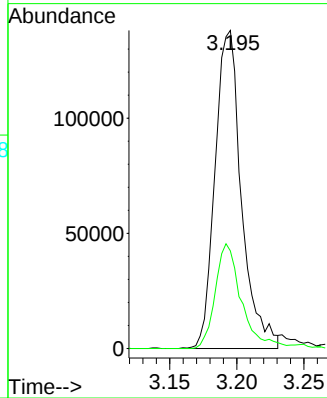
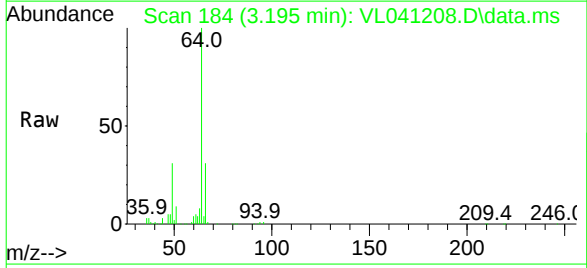
#7
Chloroethane
Concen: 9.444 ppbv
RT: 3.195 min Scan# 184
Delta R.T. -0.000 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 64 Resp: 189313
Ion Ratio Lower Upper
64 100
66 30.7 25.4 38.2

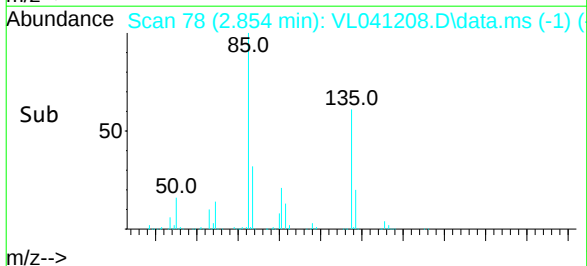
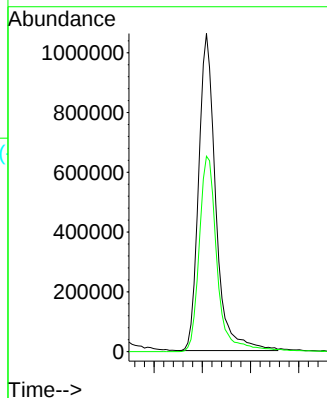
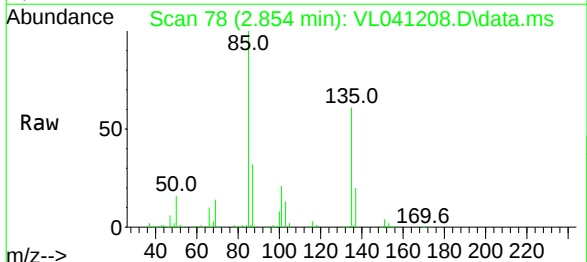
Manual Integrations
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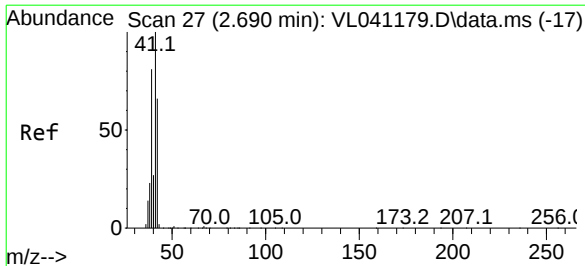
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#8
Dichlorotetrafluoroethane
Concen: 9.837 ppbv
RT: 2.854 min Scan# 78
Delta R.T. -0.000 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

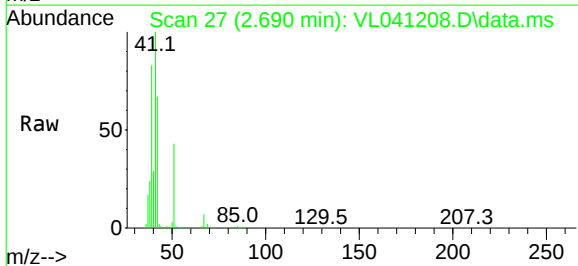
Tgt Ion: 85 Resp: 1306092
Ion Ratio Lower Upper
85 100
135 65.0 51.5 77.3





#9
Propene
Concen: 9.291 ppbv
RT: 2.690 min Scan# 27
Delta R.T. -0.000 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

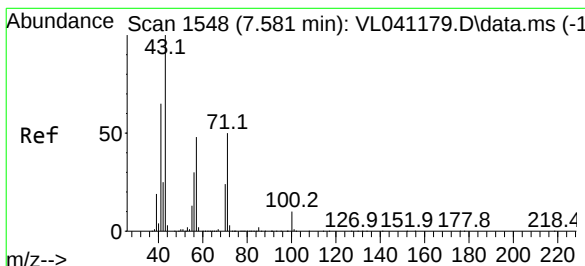
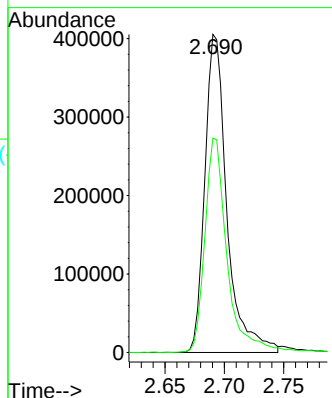
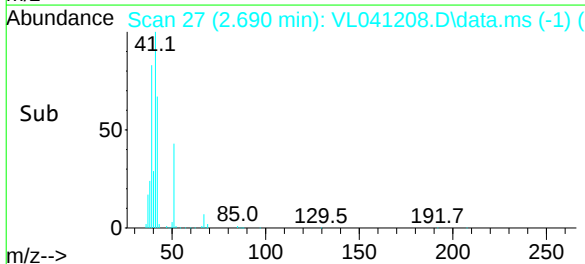
Instrument :
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ClientSampleId :
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Tgt Ion: 41 Resp: 523721
Ion Ratio Lower Upper
41 100
42 68.8 55.3 82.9

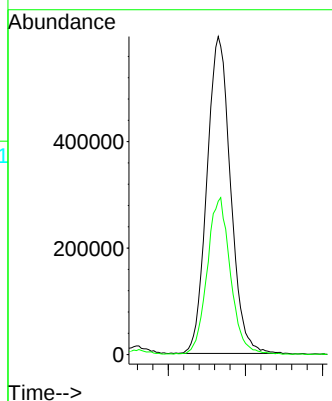
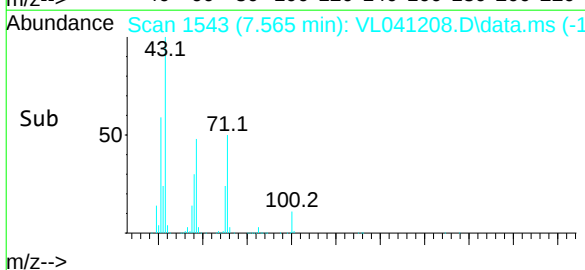
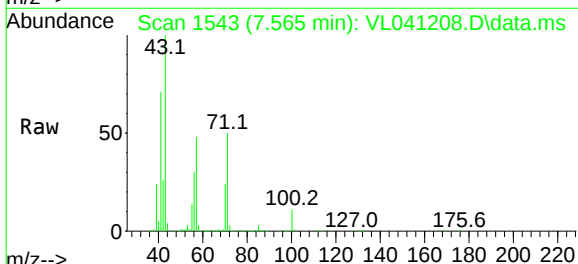
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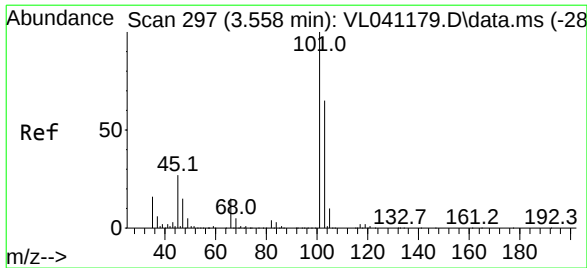
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#10
Heptane
Concen: 9.269 ppbv
RT: 7.565 min Scan# 1543
Delta R.T. -0.016 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

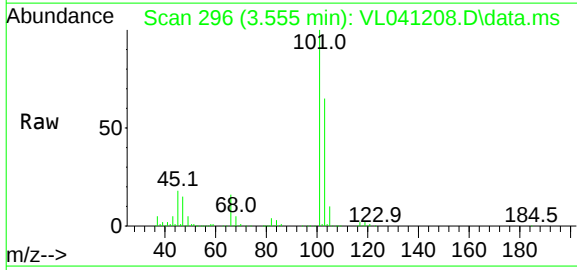
Tgt Ion: 43 Resp: 1265854
Ion Ratio Lower Upper
43 100
57 48.7 38.7 58.1





#11
 Trichlorofluoromethane
 Concen: 10.257 ppbv
 RT: 3.555 min Scan# 297
 Delta R.T. -0.003 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

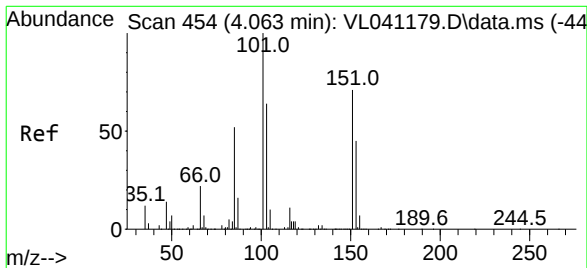
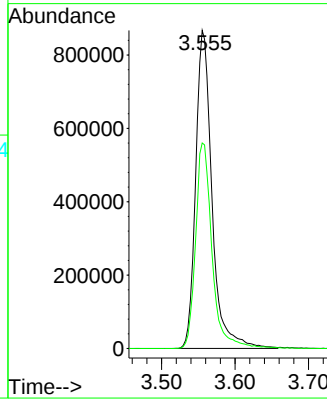
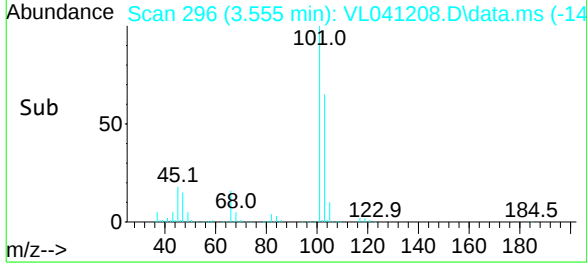
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:101 Resp: 1337248
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.6 77.4

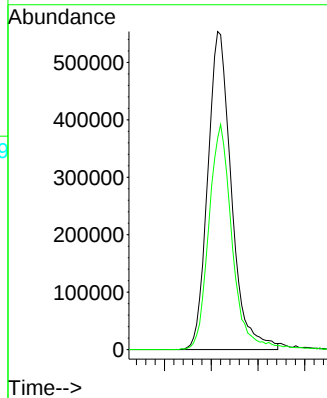
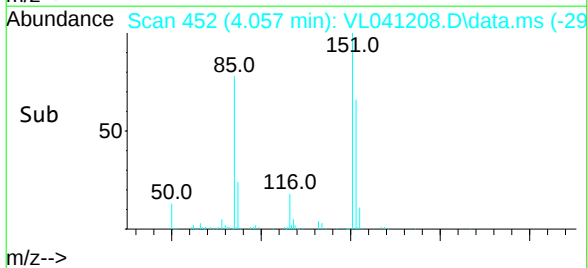
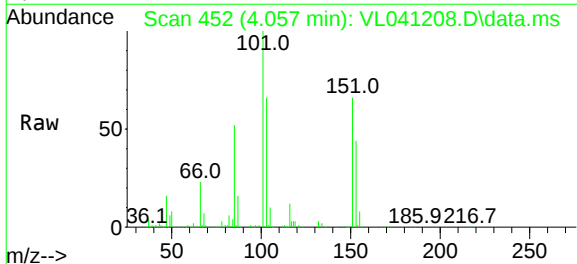
Manual Integrations
 APPROVED

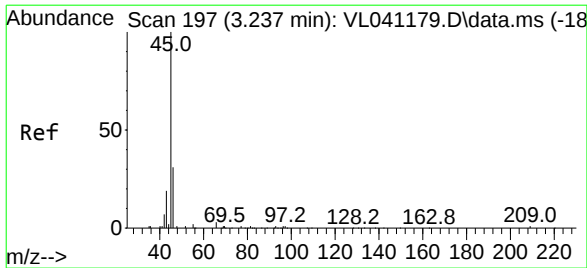
Reviewed By :Semsettin Yesilyurt 05/06/2024
 Supervised By :Mahesh Dadoda 05/07/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.102 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.006 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

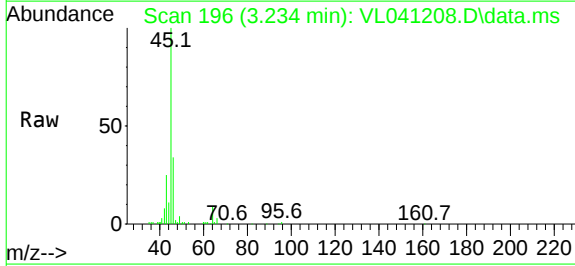
Tgt Ion:101 Resp: 973907
 Ion Ratio Lower Upper
 101 100
 151 70.0 56.8 85.2





#13
Ethanol
Concen: 9.322 ppbv
RT: 3.234 min Scan# 197
Delta R.T. -0.003 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

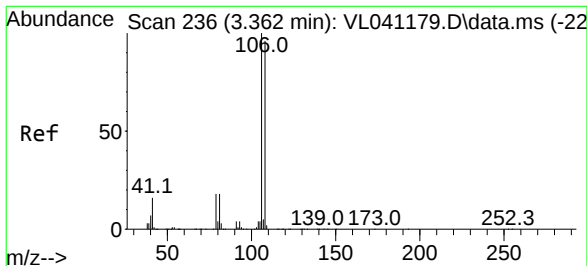
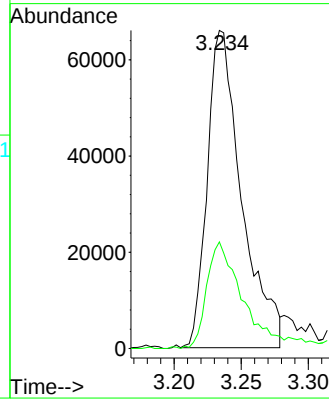
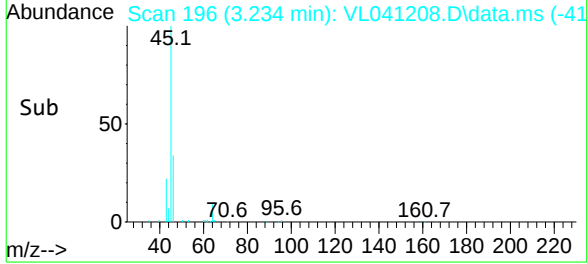
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



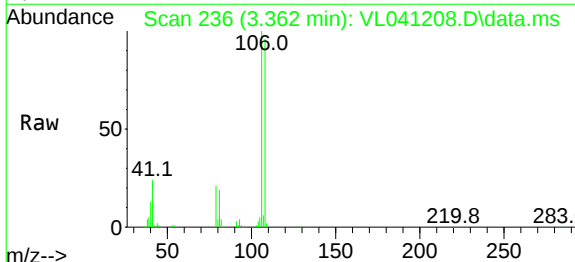
Tgt Ion: 45 Resp: 117798
Ion Ratio Lower Upper
45 100
46 38.9 14.8 59.0

Manual Integrations
APPROVED

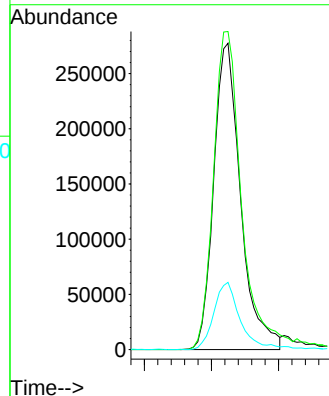
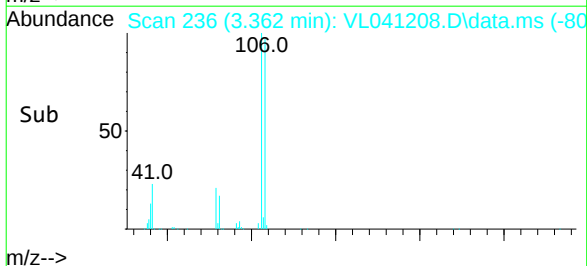
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024

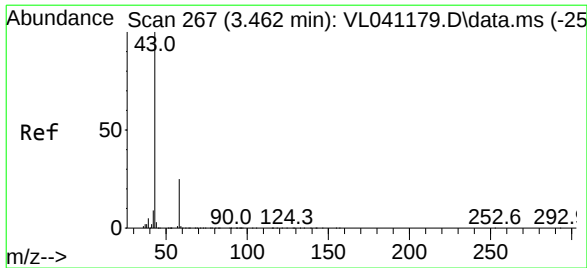


#14
Bromoethene
Concen: 9.705 ppbv
RT: 3.362 min Scan# 236
Delta R.T. -0.000 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17



Tgt Ion:108 Resp: 386160
Ion Ratio Lower Upper
108 100
106 111.6 88.2 132.4
79 22.6 17.4 26.0





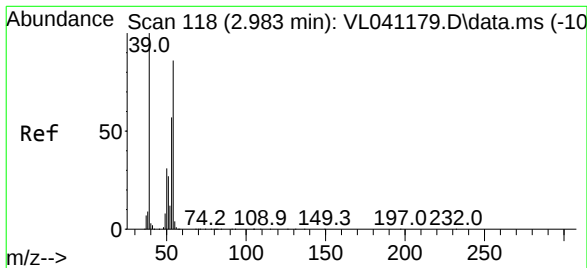
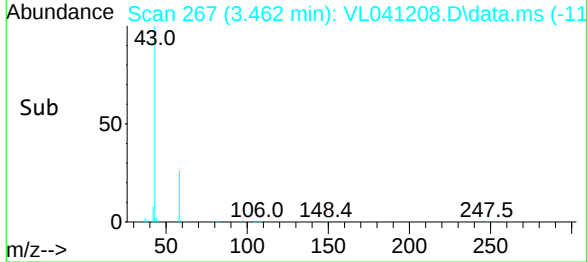
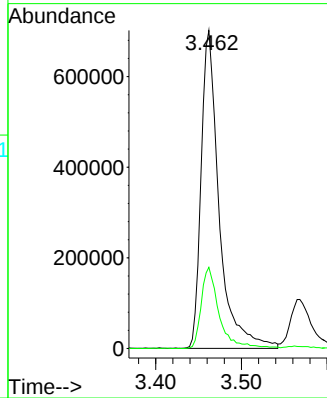
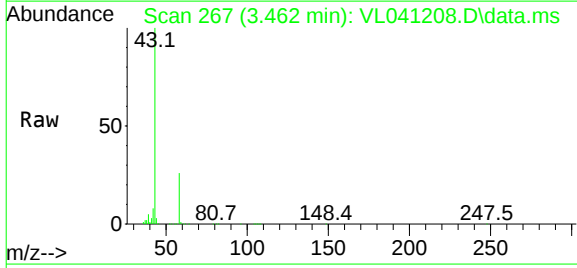
#15
Acetone
Concen: 9.133 ppbv
RT: 3.462 min Scan# 267
Delta R.T. -0.000 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1022251
Ion Ratio Lower Upper
43 100
58 25.5 21.4 32.0

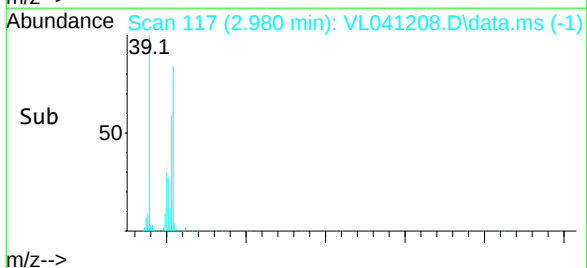
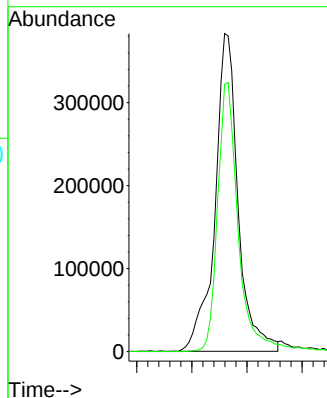
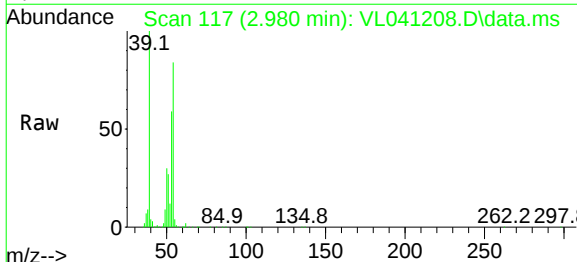
Manual Integrations
APPROVED

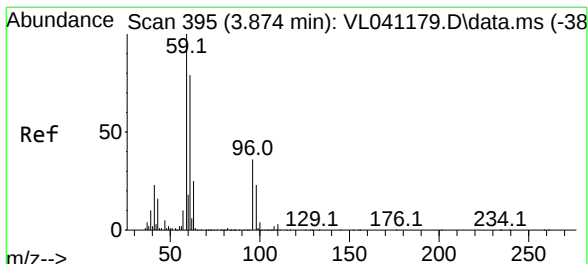
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#16
1,3-Butadiene
Concen: 9.908 ppbv
RT: 2.980 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 39 Resp: 559817
Ion Ratio Lower Upper
39 100
54 76.4 62.2 93.4



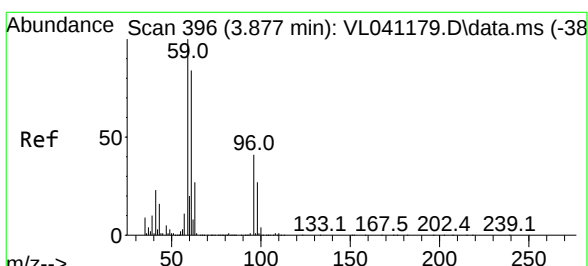
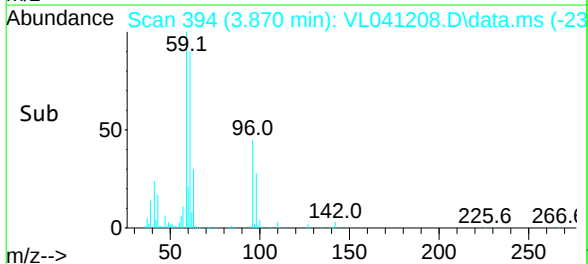
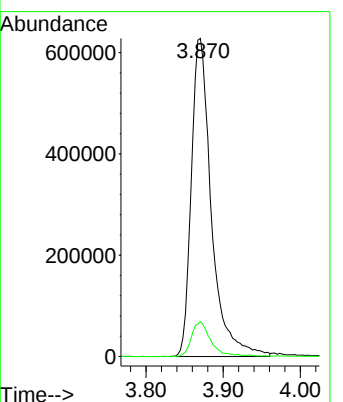
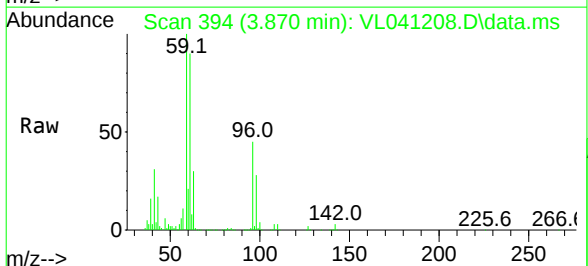


#17
tert-Butyl alcohol
Concen: 9.397 ppbv
RT: 3.870 min Scan# 394
Delta R.T. -0.003 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

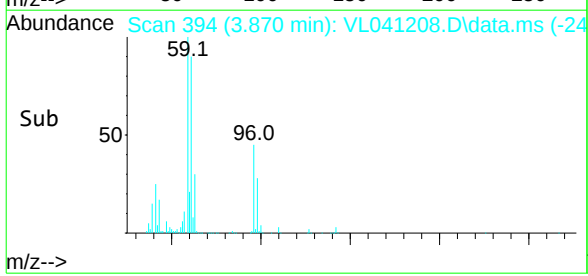
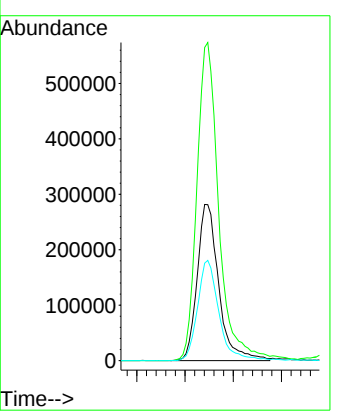
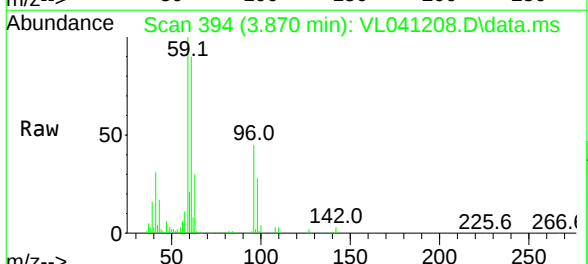
Tgt Ion:	59	Resp:	1134521
Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.4	12.6

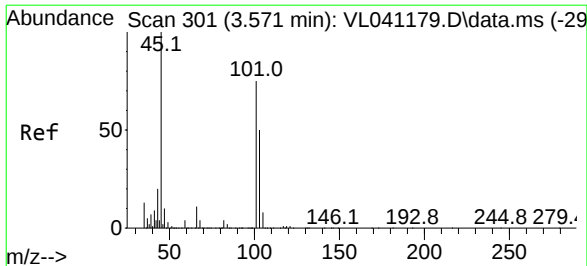
Manual Integrations
APPROVED
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#18
1,1-Dichloroethene
Concen: 10.171 ppbv
RT: 3.870 min Scan# 394
Delta R.T. -0.006 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion:	96	Resp:	437243
Ion	Ratio	Lower	Upper
96	100		
61	200.5	164.4	246.6
98	62.4	51.8	77.8





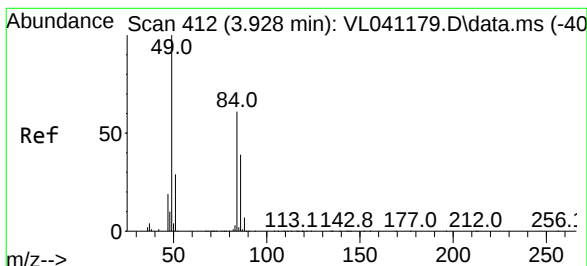
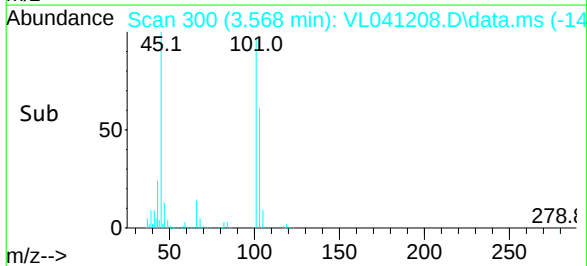
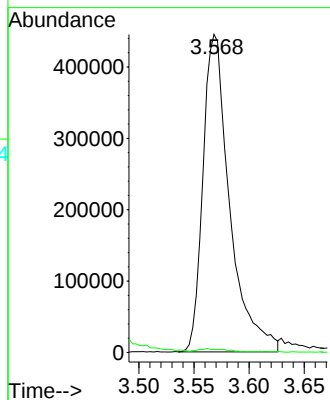
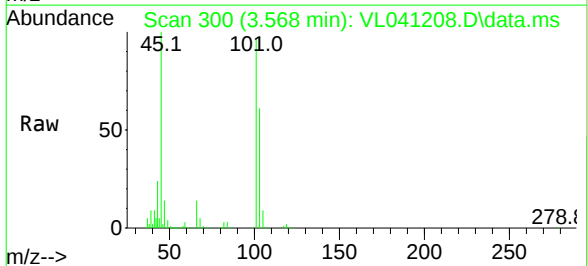
#19
Isopropyl Alcohol
Concen: 10.231 ppbv
RT: 3.568 min Scan# 301
Delta R.T. -0.003 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 751434
Ion Ratio Lower Upper
45 100
58 1.3 26.8 40.2

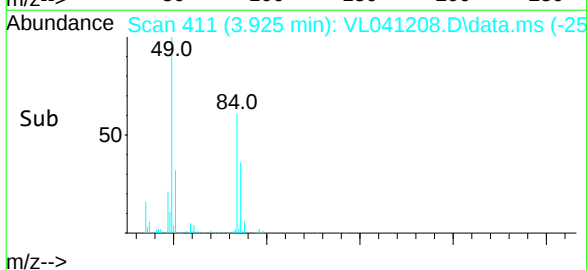
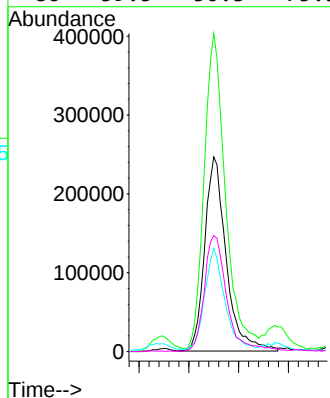
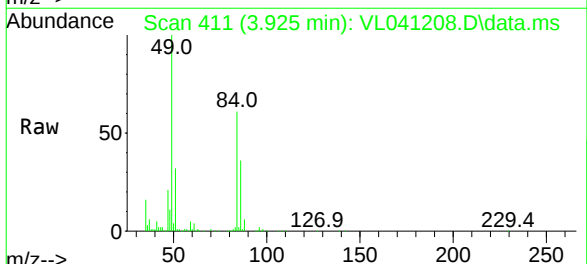
Manual Integrations
APPROVED

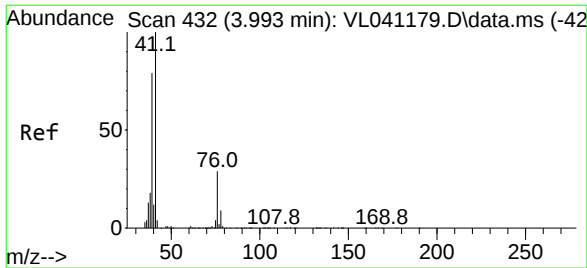
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#20
Methylene Chloride
Concen: 9.505 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 84 Resp: 369950
Ion Ratio Lower Upper
84 100
49 161.4 130.4 195.6
51 51.8 38.0 57.0
86 59.5 50.3 75.5





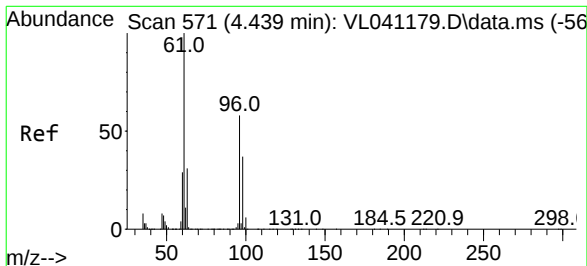
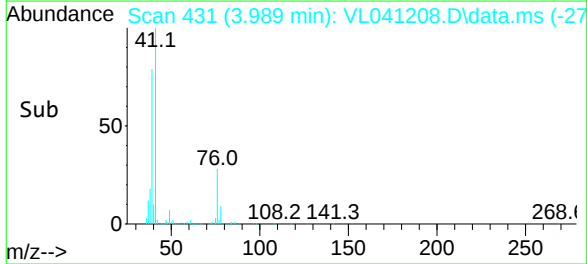
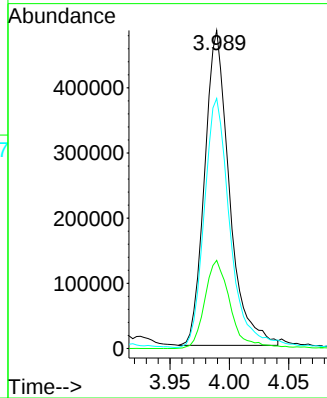
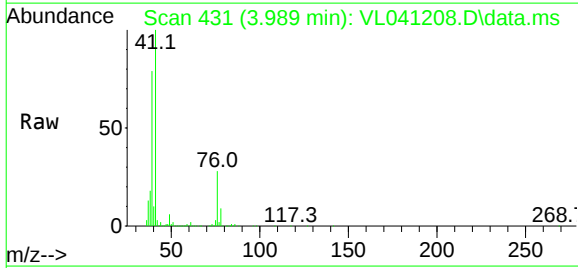
#21
 Allyl Chloride
 Concen: 9.617 ppbv
 RT: 3.989 min Scan# 43
 Delta R.T. -0.003 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:	41	Resp:	701879
Ion	Ratio	Lower	Upper
41	100		
76	29.4	23.7	35.5
39	83.1	64.7	97.1

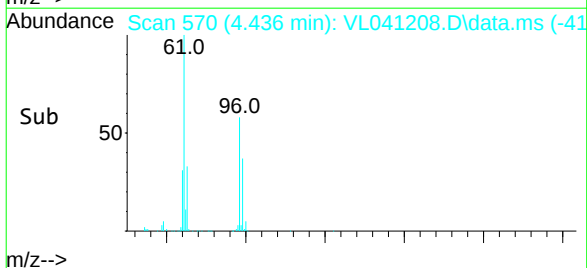
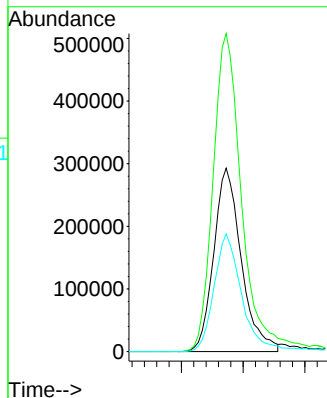
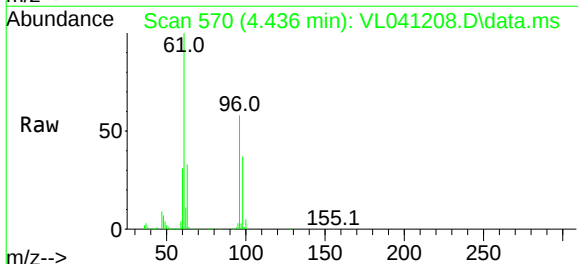
Manual Integrations
 APPROVED

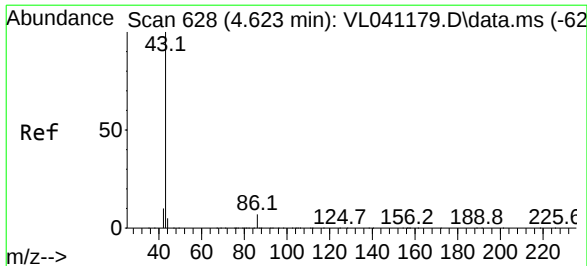
Reviewed By :Semsettin Yesilyurt 05/06/2024
 Supervised By :Mahesh Dadoda 05/07/2024



#22
 trans-1,2-Dichloroethene
 Concen: 10.155 ppbv
 RT: 4.436 min Scan# 570
 Delta R.T. -0.003 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

Tgt Ion:	96	Resp:	453968
Ion	Ratio	Lower	Upper
96	100		
61	173.4	137.6	206.4
98	64.2	50.6	76.0





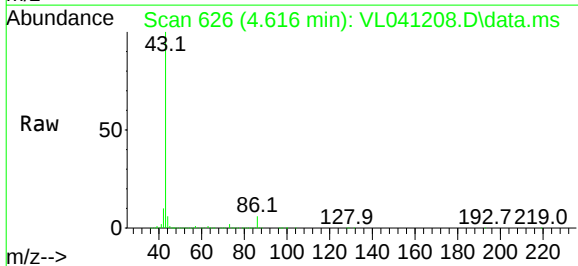
#23
 Vinyl Acetate
 Concen: 9.663 ppbv
 RT: 4.616 min Scan# 62
 Delta R.T. -0.006 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

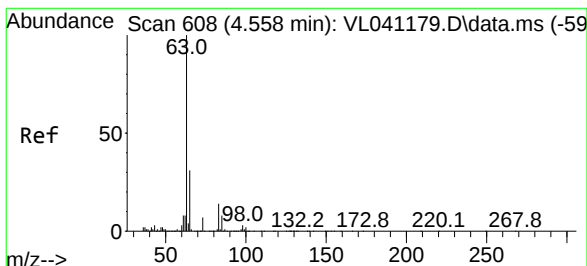
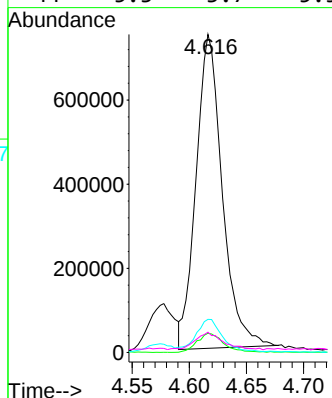
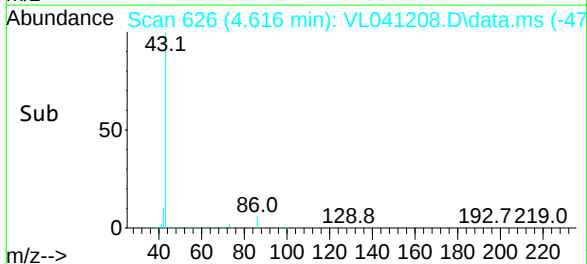
VSTDCCC010EC



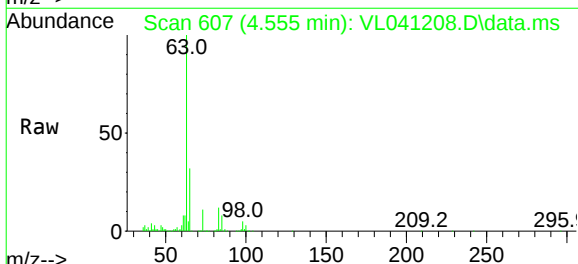
Tgt Ion: 43 Resp: 1190878
 Ion Ratio Lower Upper
 43 100
 86 6.1 4.9 7.3
 42 10.3 8.0 12.0
 44 5.3 3.7 5.5

Manual Integrations
 APPROVED

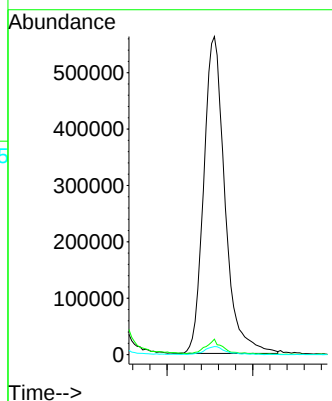
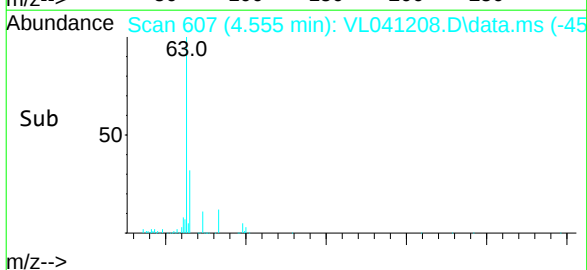
Reviewed By :Semsettin Yesilyurt 05/06/2024
 Supervised By :Mahesh Dadoda 05/07/2024

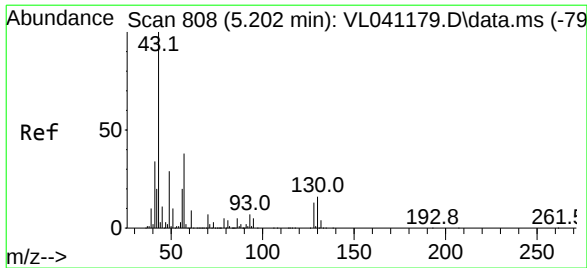


#24
 1,1-Dichloroethane
 Concen: 10.065 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. -0.003 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17



Tgt Ion: 63 Resp: 964571
 Ion Ratio Lower Upper
 63 100
 98 4.7 1.6 4.8
 100 2.5 1.1 3.5





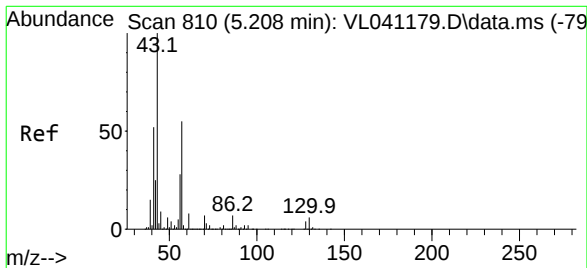
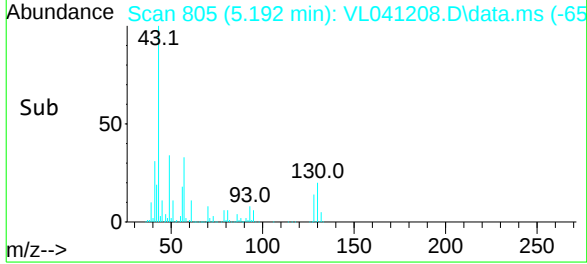
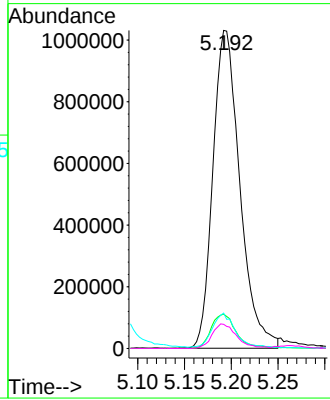
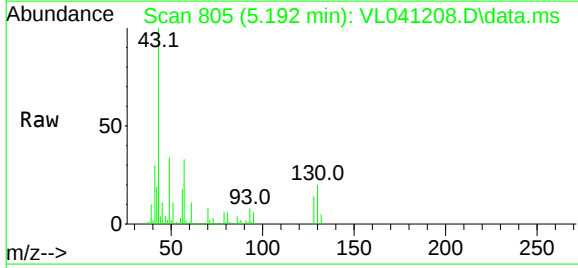
#25
Ethyl Acetate
Concen: 9.258 ppbv
RT: 5.192 min Scan# 808
Delta R.T. -0.010 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:	43	Resp:	2068243
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.2
61	10.2	7.7	11.5
70	7.0	5.8	8.6

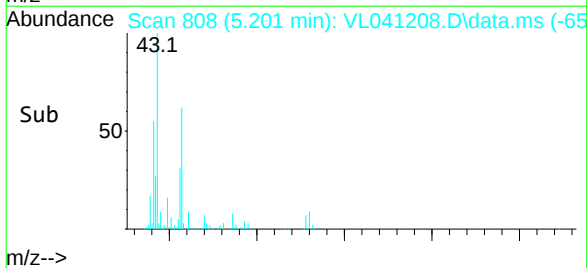
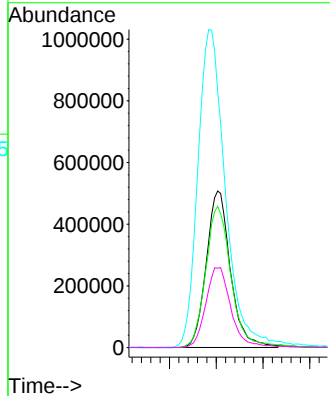
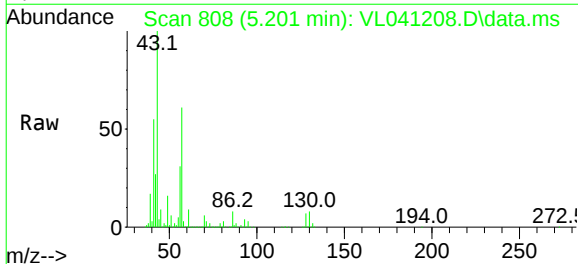
Manual Integrations
APPROVED

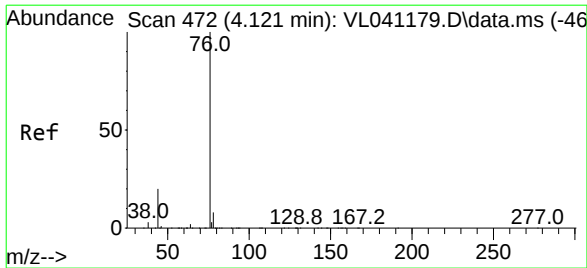
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#26
Hexane
Concen: 9.133 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.006 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

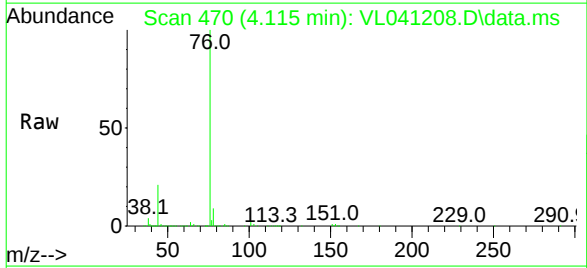
Tgt Ion:	57	Resp:	910536
Ion	Ratio	Lower	Upper
57	100		
41	95.8	75.8	113.8
43	232.7	187.0	280.4
56	53.8	42.7	64.1





#27
Carbon Disulfide
Concen: 9.732 ppbv
RT: 4.115 min Scan# 471
Delta R.T. -0.006 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

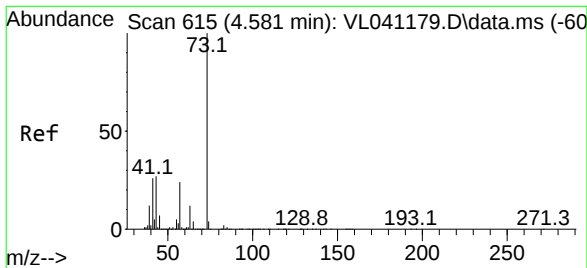
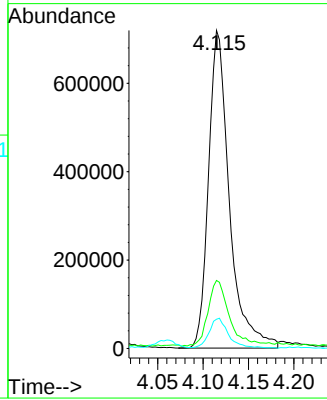
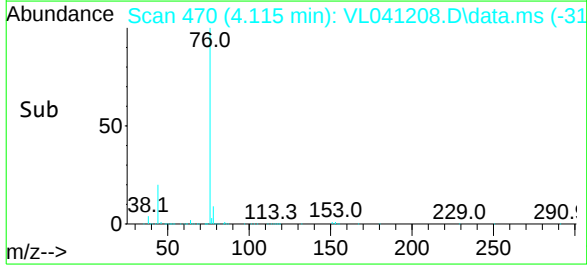
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 1148476
Ion Ratio Lower Upper
76 100
44 22.3 16.3 24.5
78 9.1 7.3 10.9

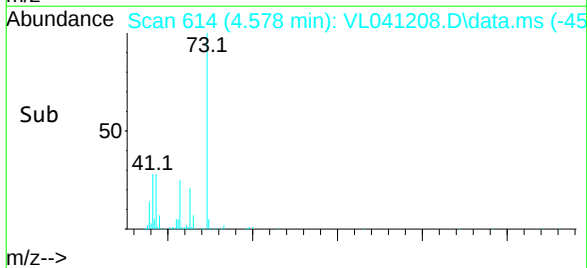
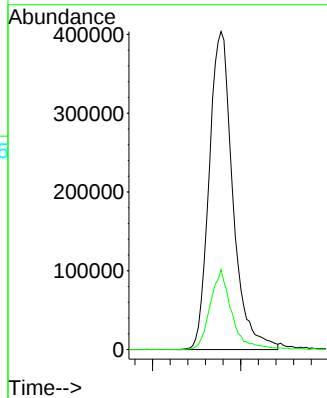
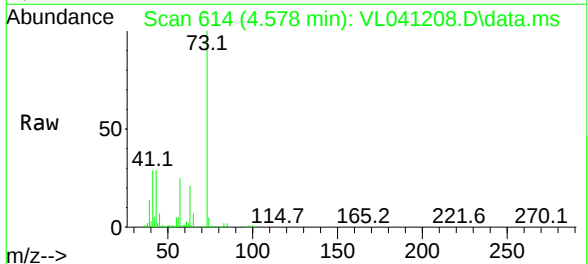
Manual Integrations
APPROVED

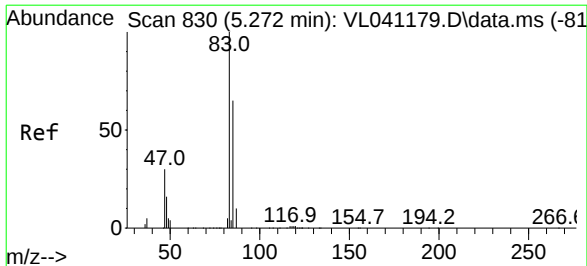
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#28
Methyl tert-Butyl Ether
Concen: 9.467 ppbv
RT: 4.578 min Scan# 614
Delta R.T. -0.003 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 73 Resp: 751488
Ion Ratio Lower Upper
73 100
57 23.3 18.8 28.2





#29

Chloroform

Concen: 9.903 ppbv

RT: 5.263 min Scan# 82

Delta R.T. -0.010 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 1361973

Ion Ratio Lower Upper

83 100

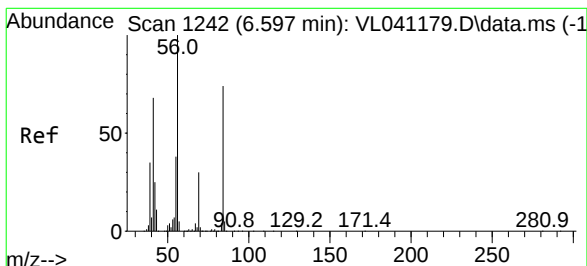
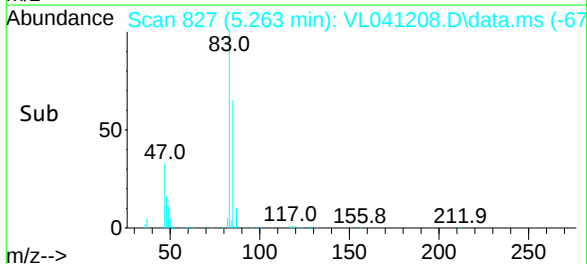
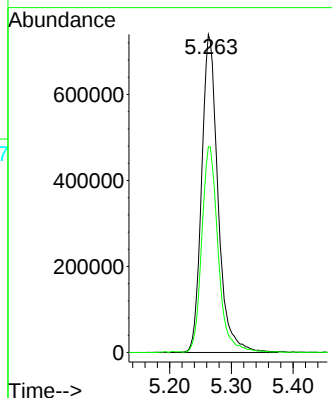
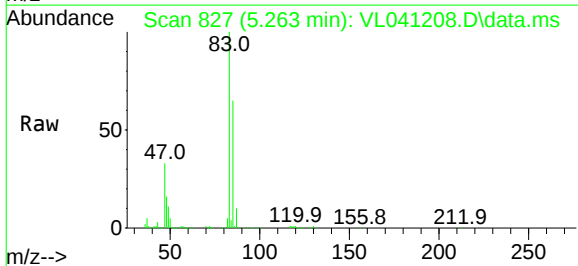
85 64.6 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#30

Cyclohexane

Concen: 9.741 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

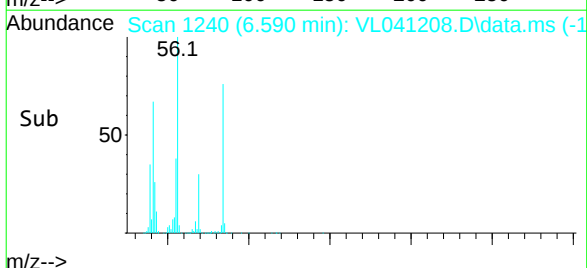
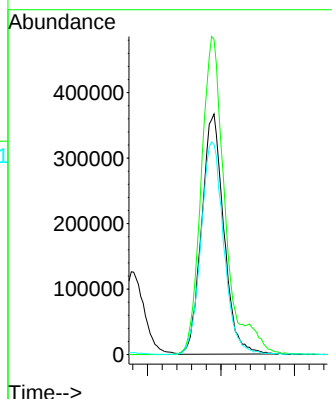
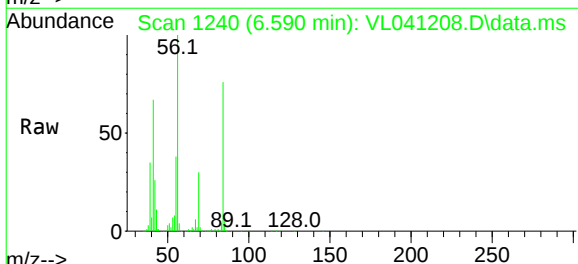
Tgt Ion: 84 Resp: 768707

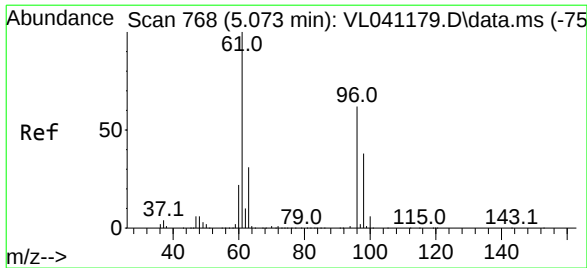
Ion Ratio Lower Upper

84 100

56 143.7 116.8 175.2

41 91.3 73.8 110.8





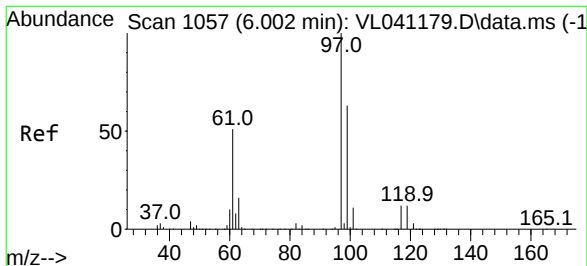
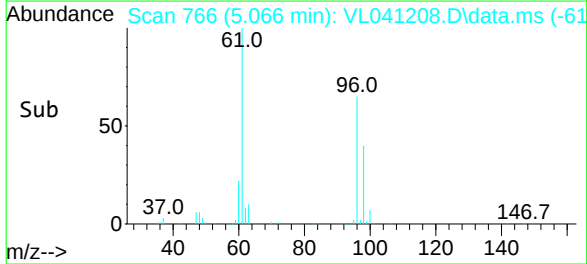
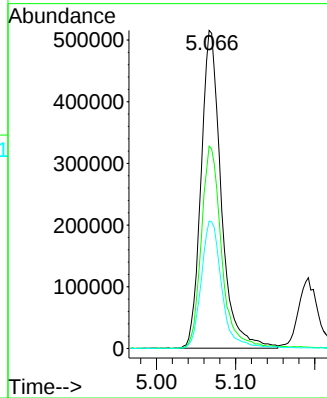
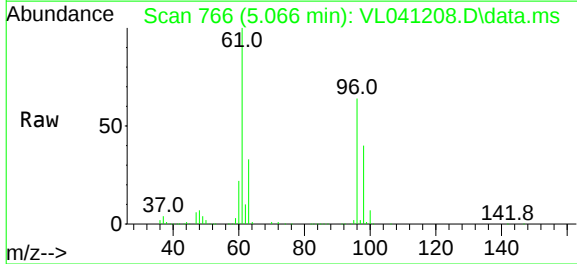
#31
 cis-1,2-Dichloroethene
 Concen: 9.742 ppbv
 RT: 5.066 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
61	100		
96	63.6	49.8	74.6
98	40.0	30.0	45.0

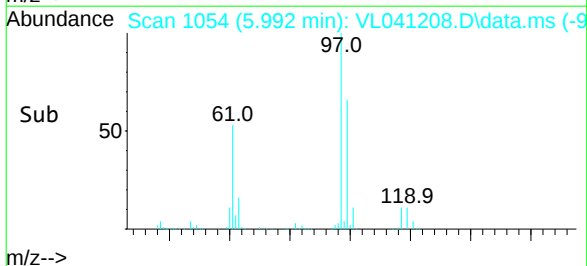
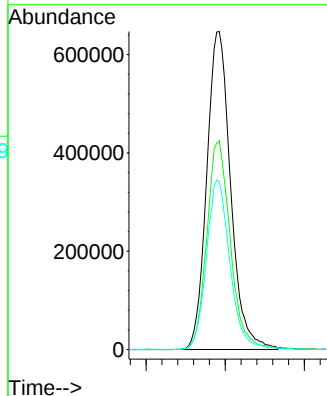
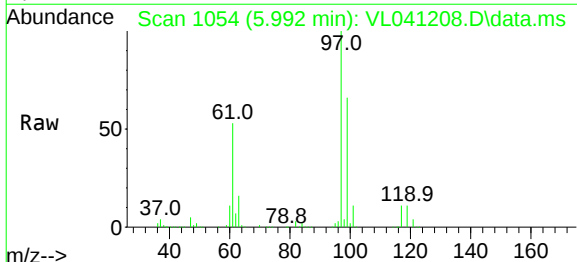
Manual Integrations
 APPROVED

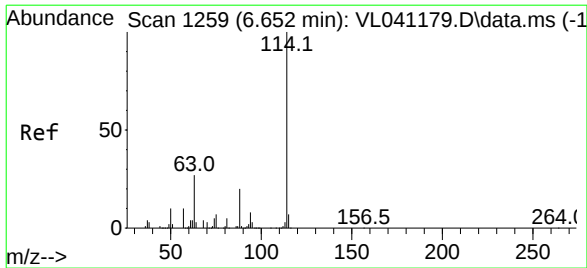
Reviewed By :Semsettin Yesilyurt 05/06/2024
 Supervised By :Mahesh Dadoda 05/07/2024



#32
 1,1,1-Trichloroethane
 Concen: 9.885 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.010 min
 Lab File: VL041208.D
 Acq: 3 May 2024 8:17

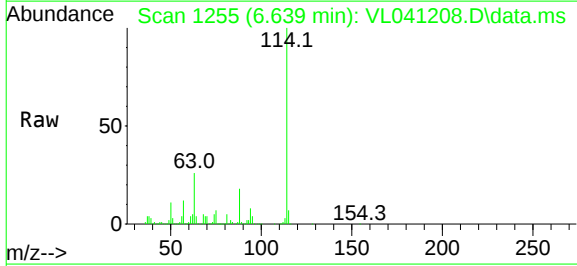
Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.7	77.5
61	52.8	41.1	61.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1259
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

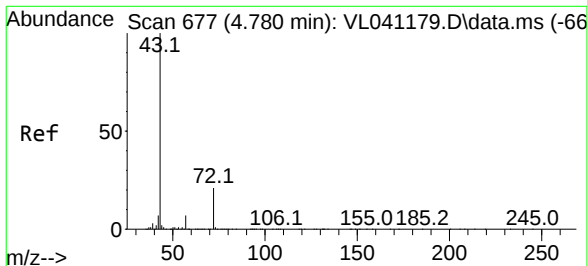
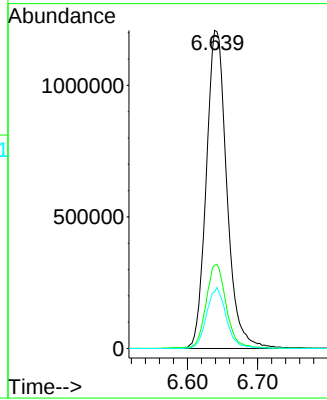
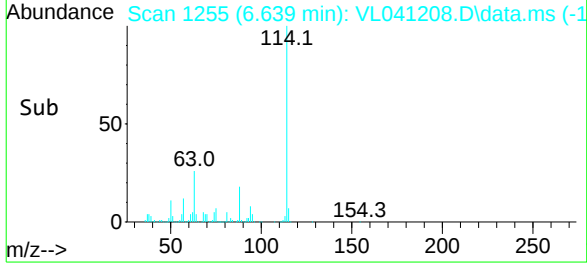
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:114 Resp: 2455244
Ion Ratio Lower Upper
114 100
63 26.3 21.8 32.6
88 18.4 15.2 22.8

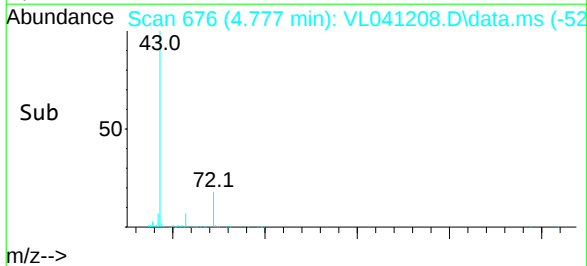
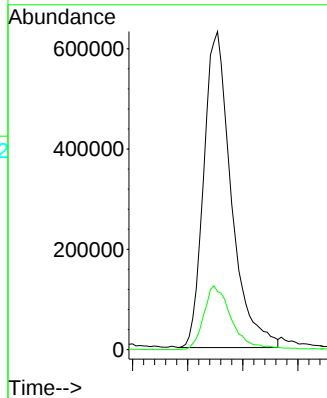
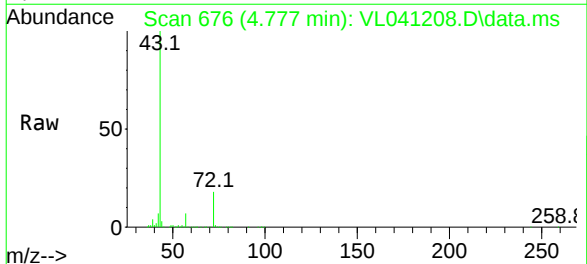
Manual Integrations
APPROVED

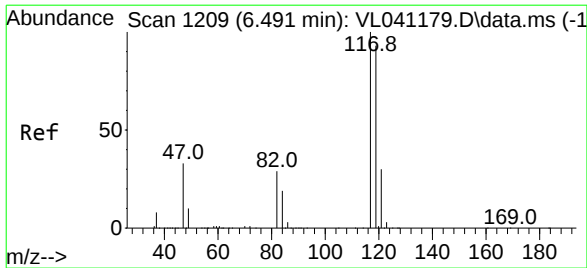
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#34
2-Butanone
Concen: 8.742 ppbv
RT: 4.777 min Scan# 676
Delta R.T. -0.003 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

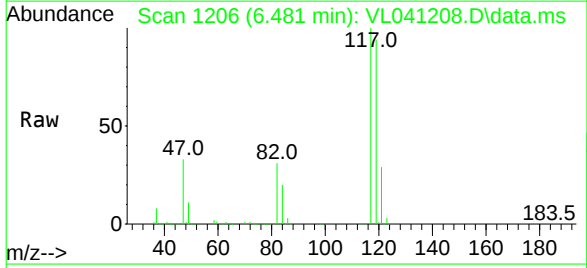
Tgt Ion: 43 Resp: 1092508
Ion Ratio Lower Upper
43 100
72 21.0 17.3 25.9





#35
Carbon Tetrachloride
Concen: 9.802 ppbv
RT: 6.481 min Scan# 1209
Delta R.T. -0.010 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

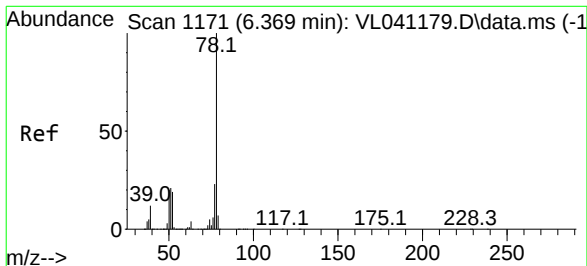
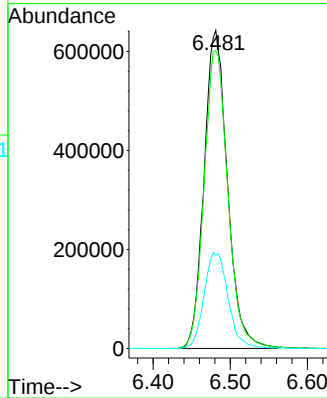
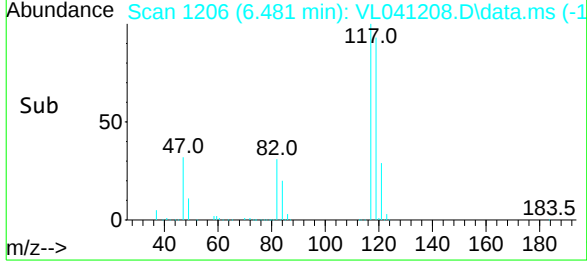
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 1350654
Ion Ratio Lower Upper
117 100
119 93.6 74.3 111.5
121 29.3 23.8 35.8

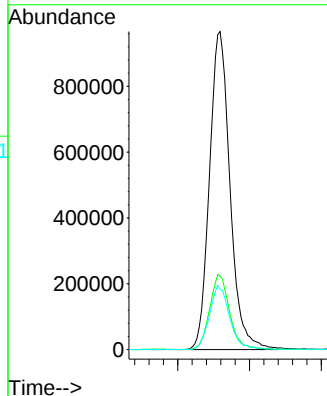
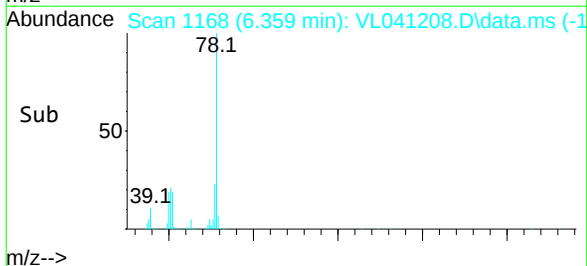
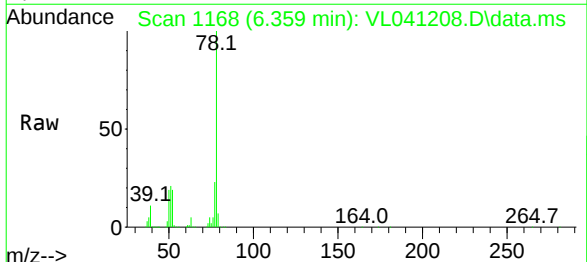
Manual Integrations
APPROVED

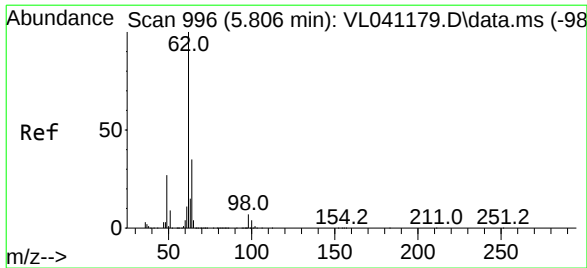
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#36
Benzene
Concen: 9.320 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.010 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 78 Resp: 1920216
Ion Ratio Lower Upper
78 100
77 23.1 18.3 27.5
50 18.9 15.9 23.9





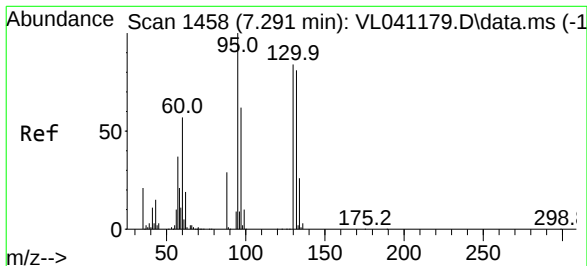
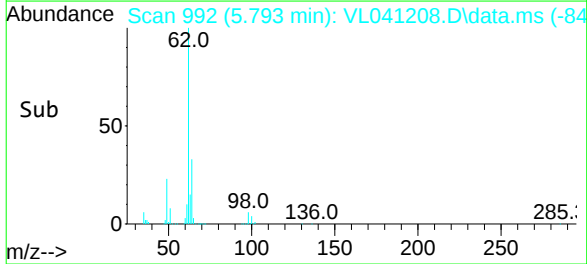
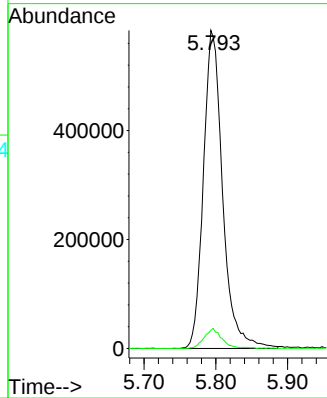
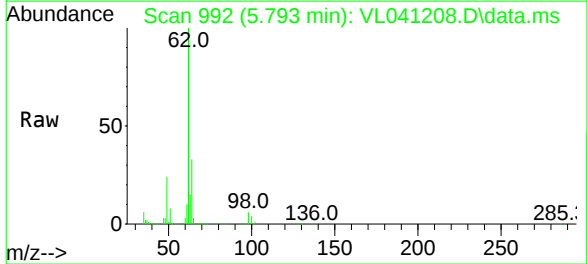
#37
1,2-Dichloroethane
Concen: 10.112 ppbv
RT: 5.793 min Scan# 99
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 1087077
Ion Ratio Lower Upper
62 100
98 6.0 5.0 7.4

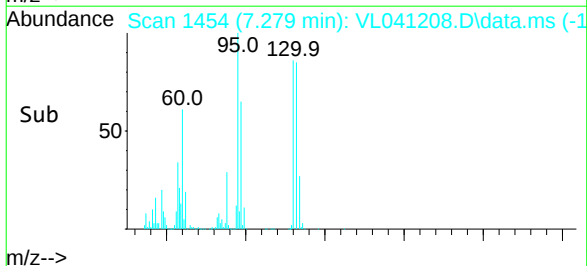
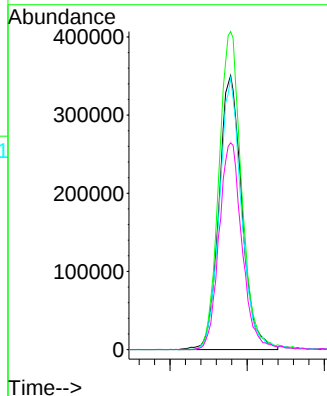
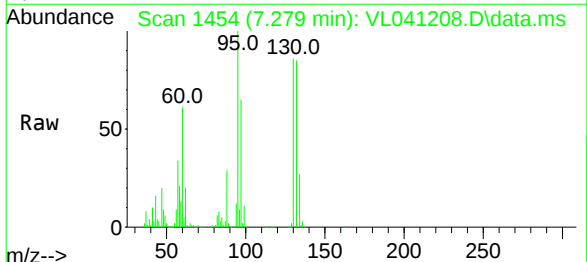
Manual Integrations
APPROVED

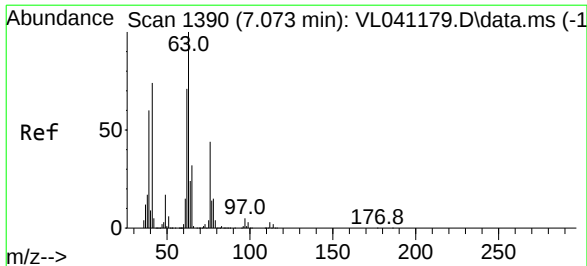
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#38
Trichloroethene
Concen: 9.370 ppbv
RT: 7.279 min Scan# 1454
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion:130 Resp: 719425
Ion Ratio Lower Upper
130 100
95 116.0 95.0 142.6
132 99.0 77.0 115.4
97 75.4 59.1 88.7





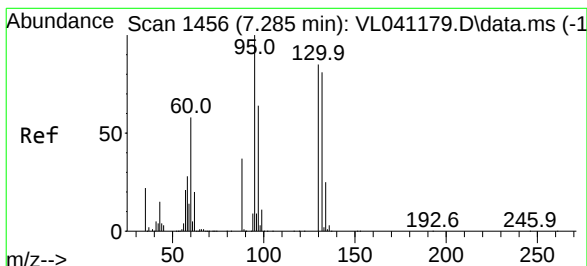
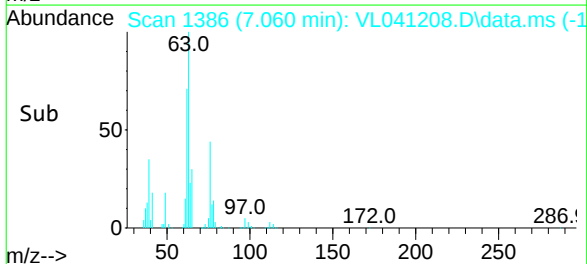
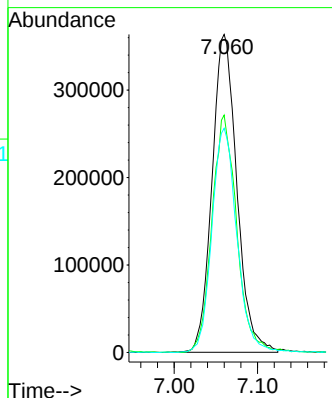
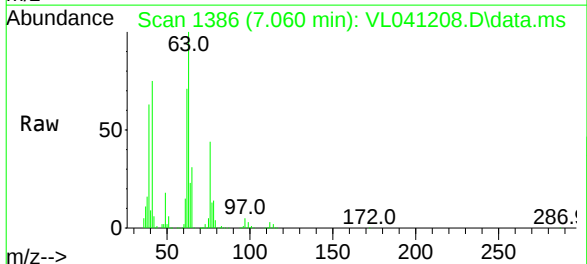
#39
1,2-Dichloropropane
Concen: 9.471 ppbv
RT: 7.060 min Scan# 13
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 752047
Ion Ratio Lower Upper
63 100
41 74.6 59.4 89.0
62 70.5 56.8 85.2

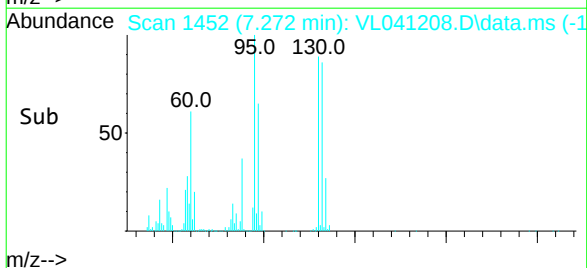
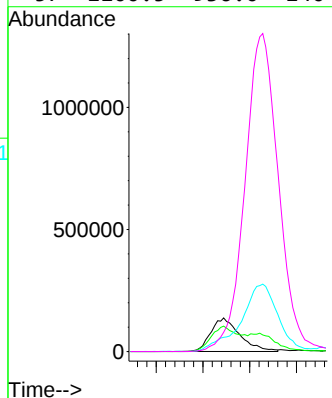
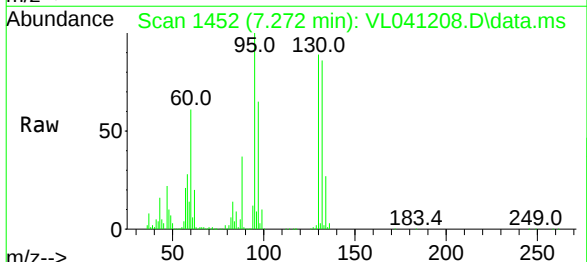
Manual Integrations
APPROVED

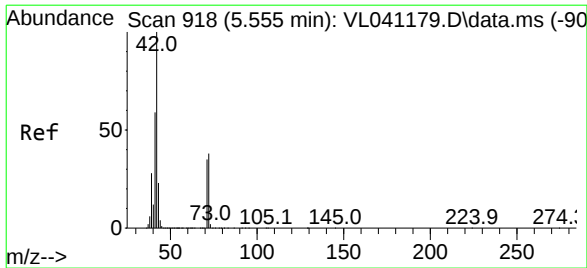
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#40
1,4-Dioxane
Concen: 10.461 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 88 Resp: 296750
Ion Ratio Lower Upper
88 100
58 124.7 106.1 159.1
43 257.5 219.8 329.6
57 1100.5 936.0 1404.0





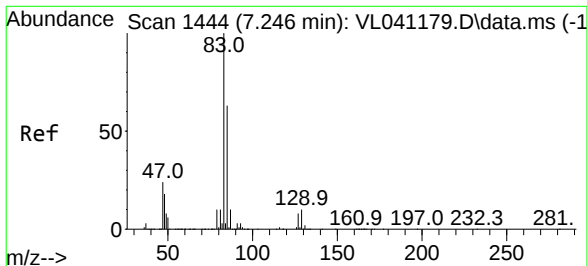
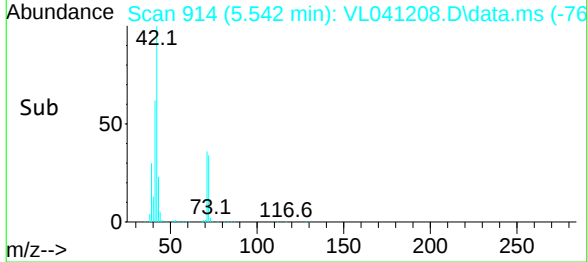
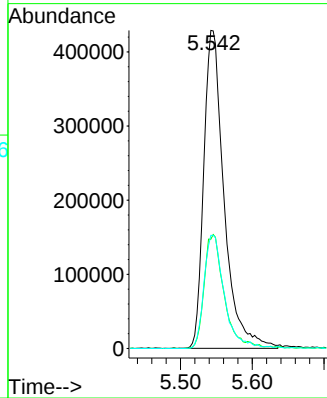
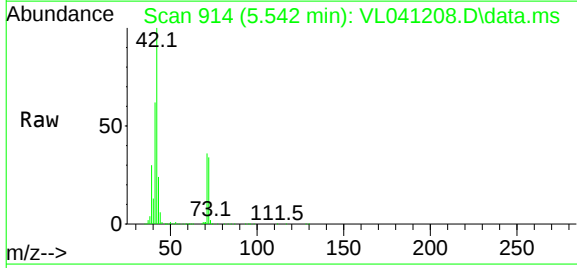
#41
Tetrahydrofuran
Concen: 9.308 ppbv
RT: 5.542 min Scan# 91
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	35.8	29.4	44.0
71	36.0	29.1	43.7

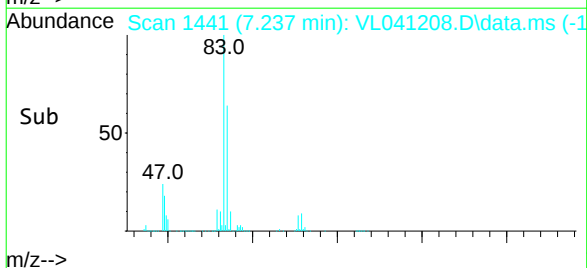
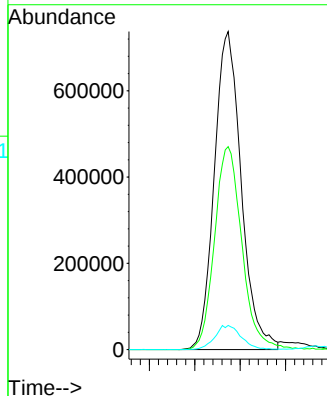
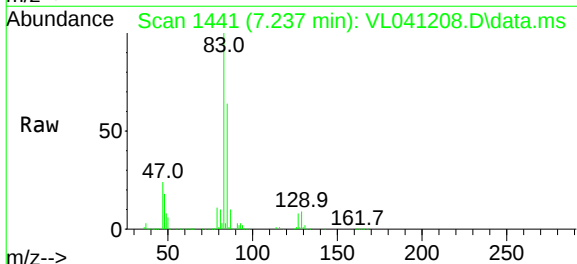
Manual Integrations
APPROVED

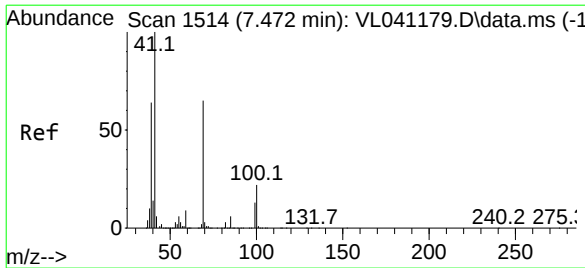
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#42
Bromodichloromethane
Concen: 9.864 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.010 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.6	75.8
127	7.6	6.2	9.4





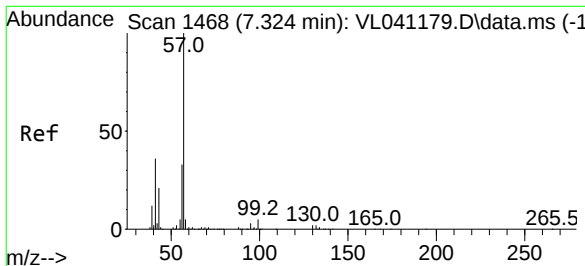
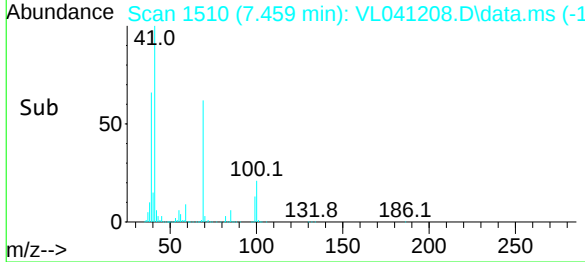
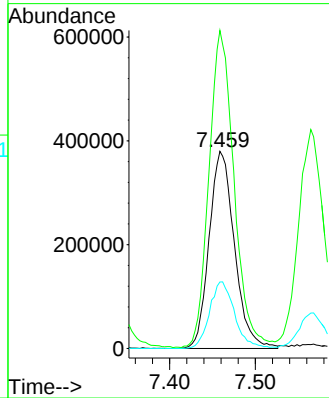
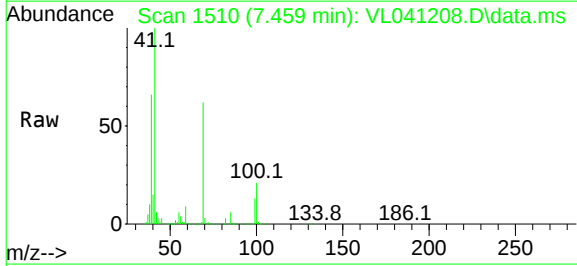
#43
Methyl Methacrylate
Concen: 9.359 ppbv
RT: 7.459 min Scan# 1514
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 779908
Ion Ratio Lower Upper
69 100
41 159.1 125.2 187.8
100 33.4 26.7 40.1

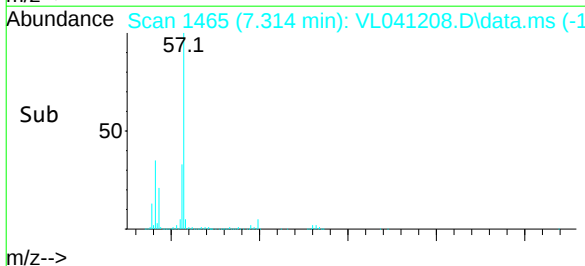
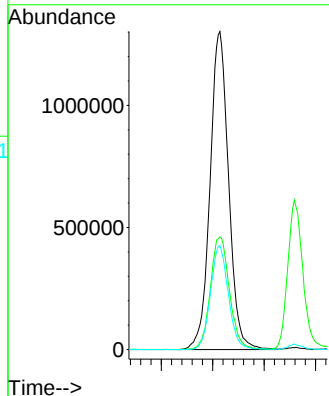
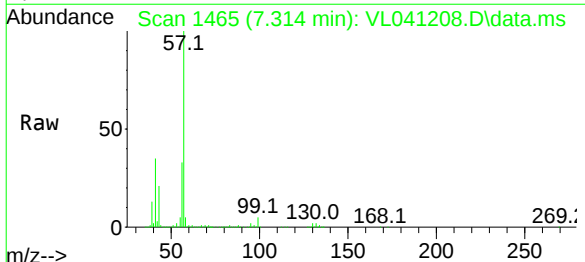
Manual Integrations
APPROVED

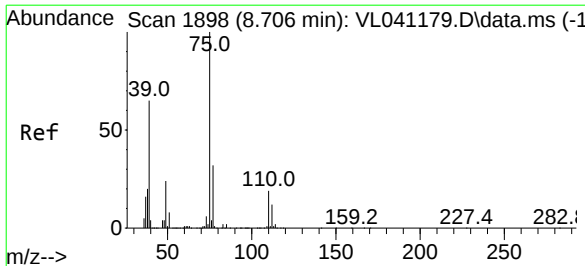
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#44
2,2,4-Trimethylpentane
Concen: 9.192 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.010 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 57 Resp: 3265486
Ion Ratio Lower Upper
57 100
41 36.5 29.5 44.3
56 31.5 25.3 37.9





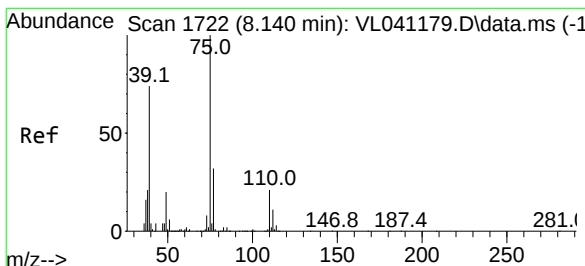
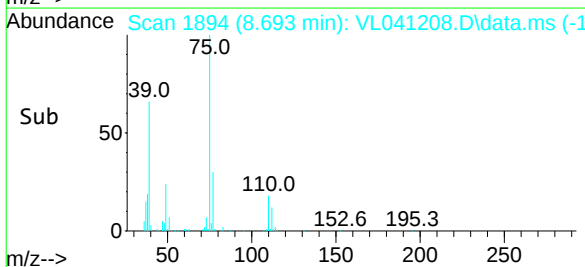
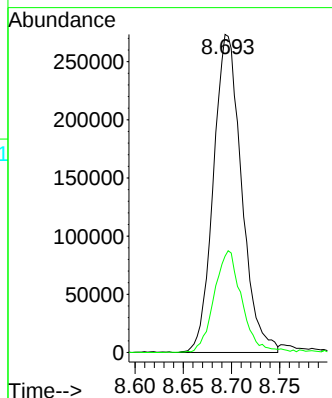
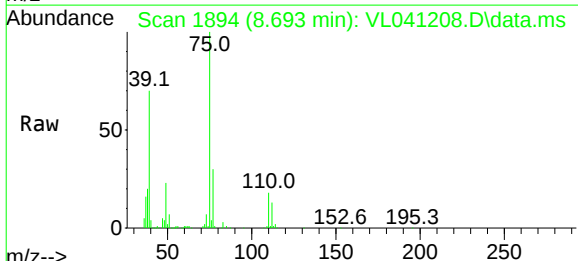
#45
t-1,3-Dichloropropene
Concen: 9.191 ppbv
RT: 8.693 min Scan# 1818
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 555033
Ion Ratio Lower Upper
75 100
77 30.3 25.6 38.4

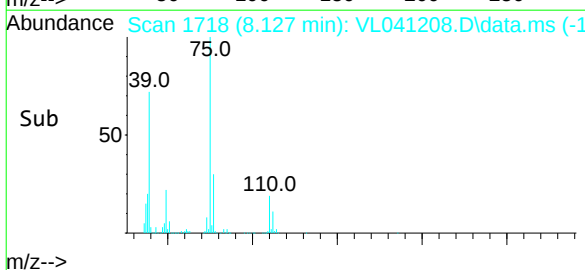
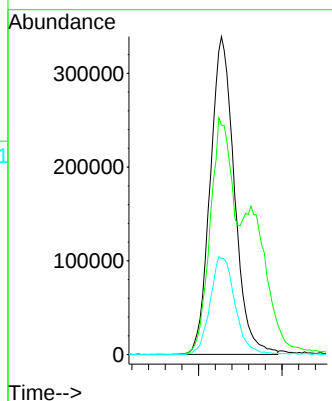
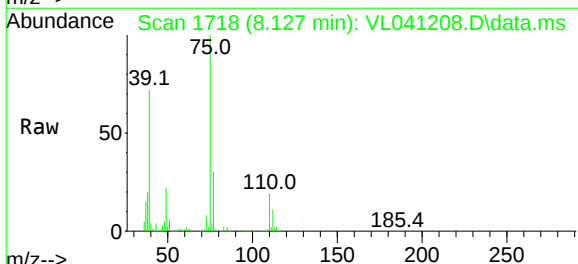
Manual Integrations
APPROVED

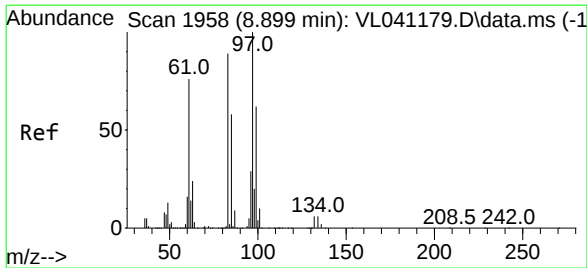
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#46
cis-1,3-Dichloropropene
Concen: 9.226 ppbv
RT: 8.127 min Scan# 1718
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion: 75 Resp: 682118
Ion Ratio Lower Upper
75 100
39 71.9 59.4 89.2
77 30.3 25.9 38.9





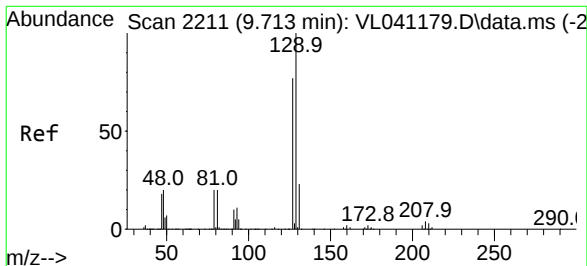
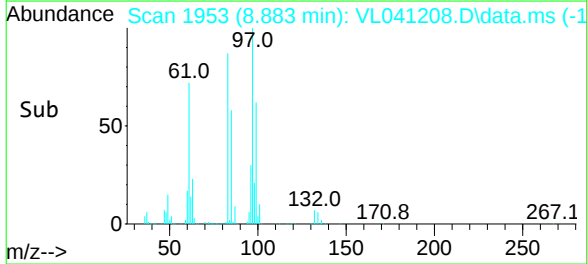
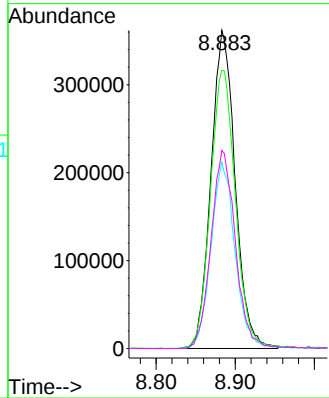
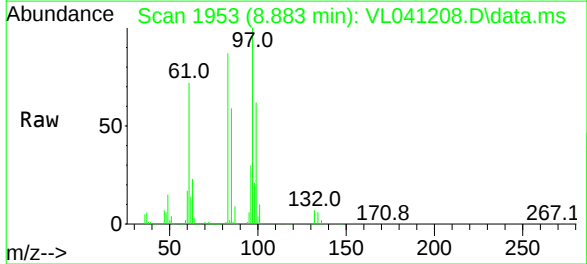
#47
1,1,2-Trichloroethane
Concen: 9.650 ppbv
RT: 8.883 min Scan# 1953
Delta R.T. -0.016 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:	97	Resp:	766947
Ion	Ratio	Lower	Upper
97	100		
83	87.5	71.2	106.8
85	58.5	46.0	69.0
99	62.3	49.7	74.5

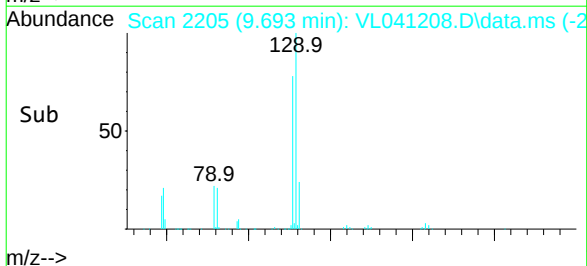
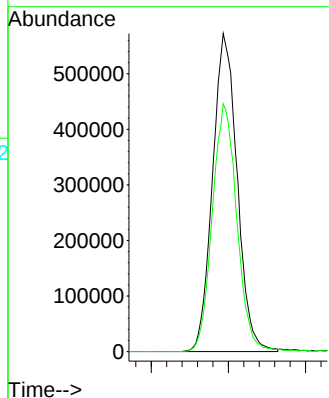
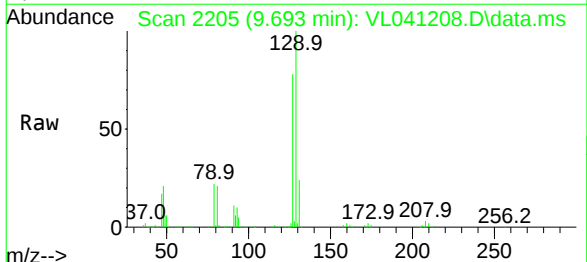
Manual Integrations
APPROVED

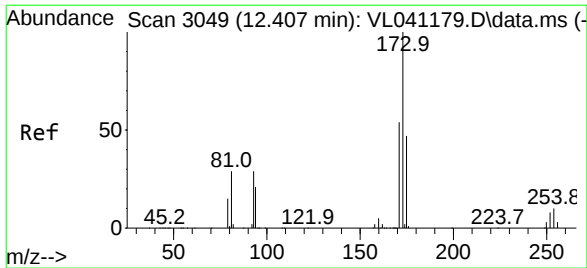
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#48
Dibromochloromethane
Concen: 10.002 ppbv
RT: 9.693 min Scan# 2205
Delta R.T. -0.019 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Tgt Ion:	129	Resp:	1266604
Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.1	117.5





#49

Bromoform

Concen: 9.970 ppbv

RT: 12.394 min Scan# 3049

Delta R.T. -0.013 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

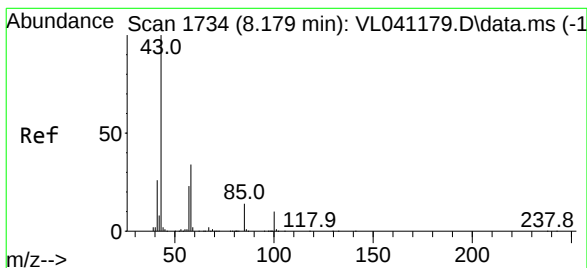
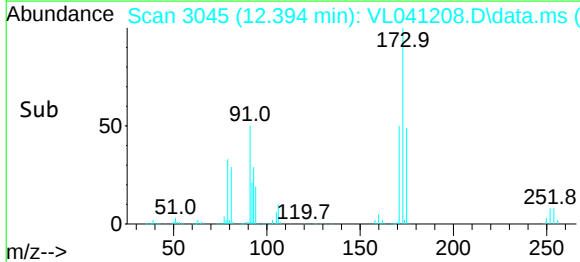
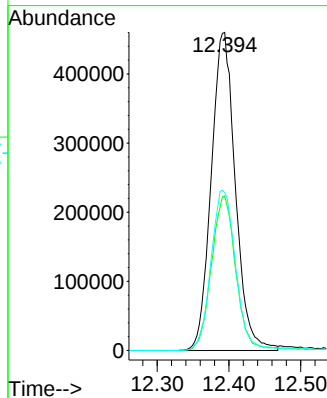
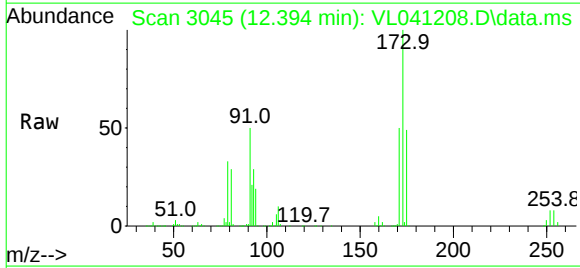
VSTDCCC010EC

Tgt Ion:	173	Resp:	1074097
Ion	Ratio	Lower	Upper
173	100		
175	49.6	39.8	59.8
171	51.9	41.8	62.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#50

4-Methyl-2-Pentanone

Concen: 8.987 ppbv

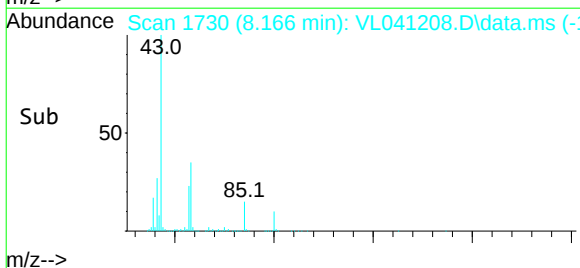
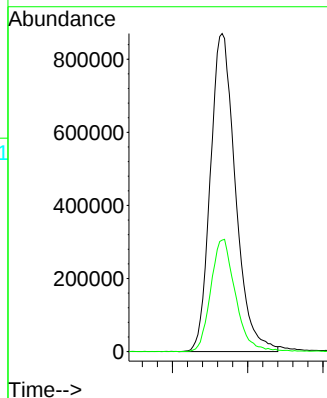
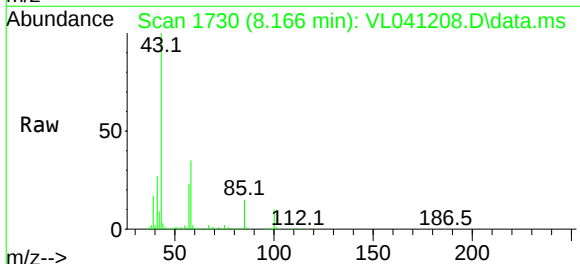
RT: 8.166 min Scan# 1730

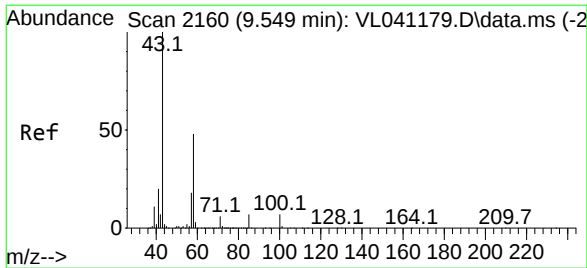
Delta R.T. -0.013 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

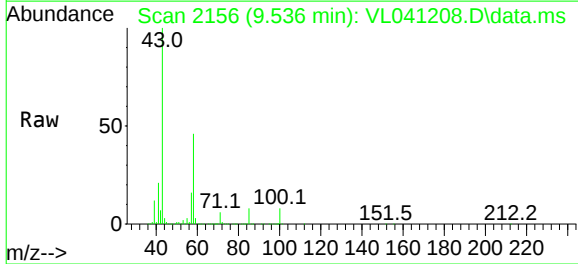
Tgt Ion:	43	Resp:	2015475
Ion	Ratio	Lower	Upper
43	100		
58	34.9	27.7	41.5





#51
2-Hexanone
Concen: 8.856 ppbv
RT: 9.536 min Scan# 2160
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

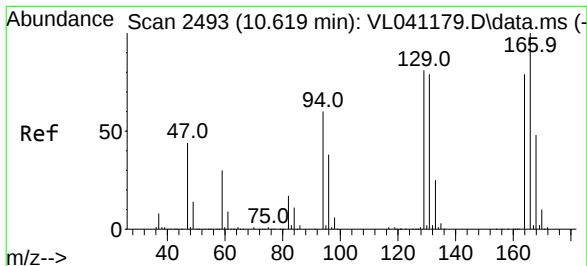
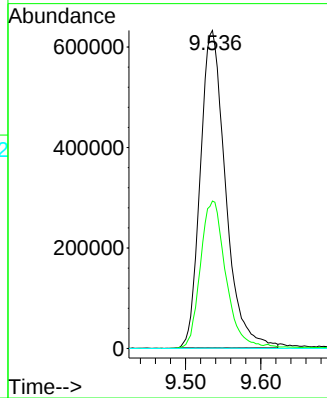
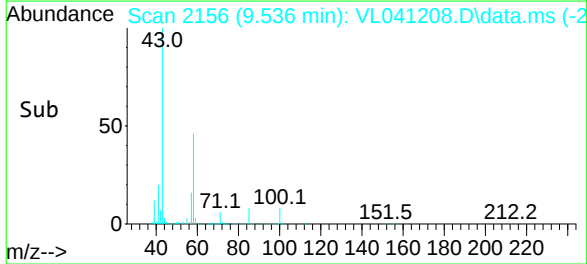
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



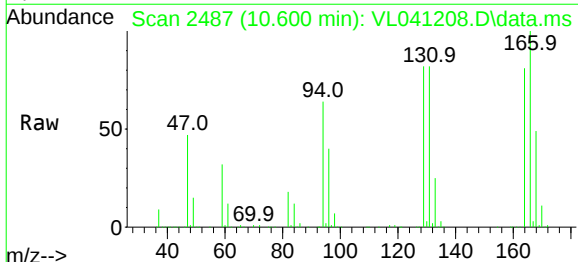
Tgt Ion: 43 Resp: 1473265
Ion Ratio Lower Upper
43 100
58 47.6 38.4 57.6
98 0.1 0.0 0.0

Manual Integrations
APPROVED

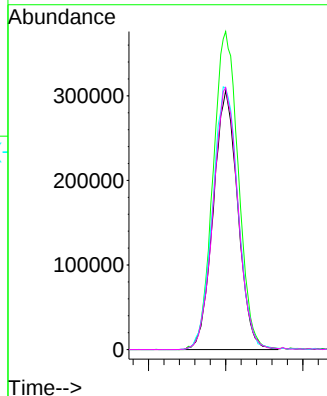
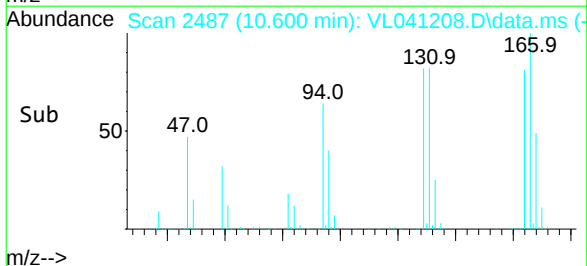
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024

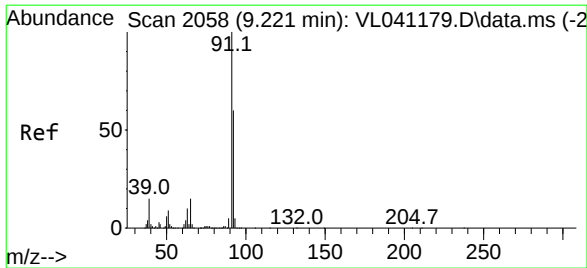


#52
Tetrachloroethene
Concen: 9.310 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. -0.019 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17



Tgt Ion:164 Resp: 674178
Ion Ratio Lower Upper
164 100
166 122.8 101.1 151.7
129 101.1 81.7 122.5
131 101.1 80.4 120.6





#53

Toluene

Concen: 9.353 ppbv

RT: 9.205 min Scan# 2058

Delta R.T. -0.016 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 2234568

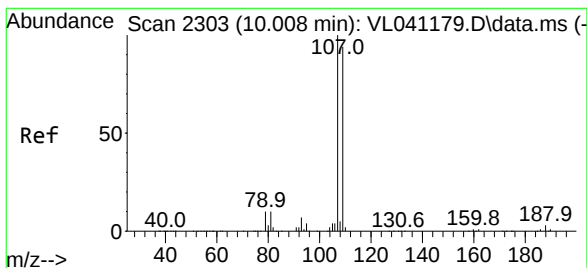
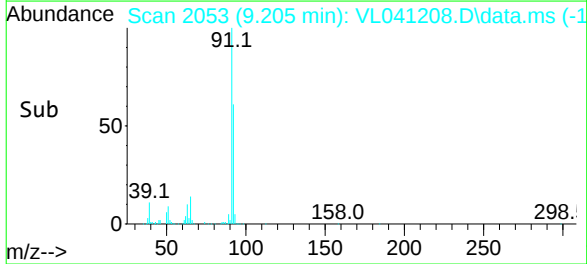
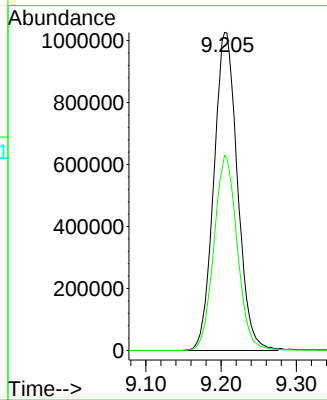
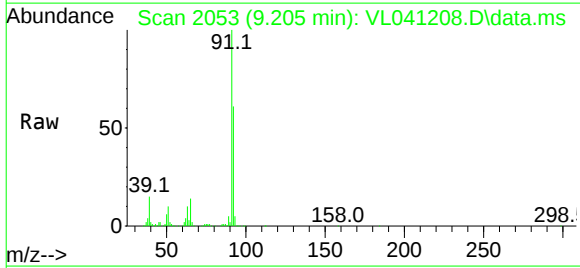
Ion	Ratio	Lower	Upper
91	100		
92	60.7	48.2	72.4

91	100
92	60.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#54

1,2-Dibromoethane

Concen: 9.774 ppbv

RT: 9.992 min Scan# 2298

Delta R.T. -0.016 min

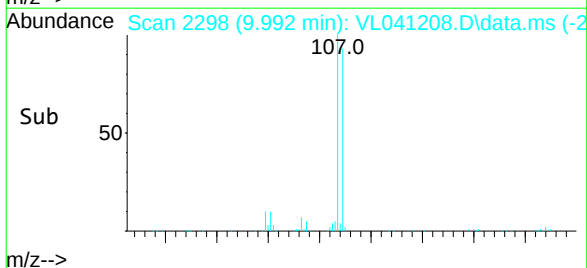
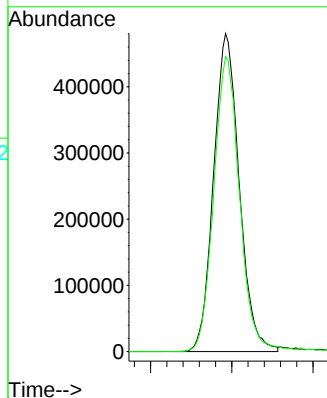
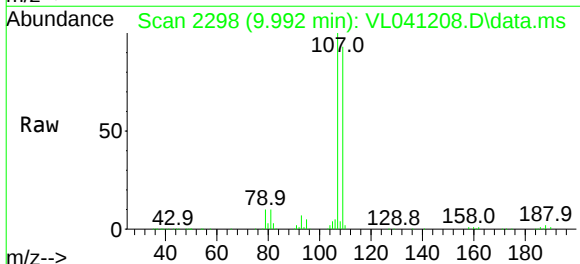
Lab File: VL041208.D

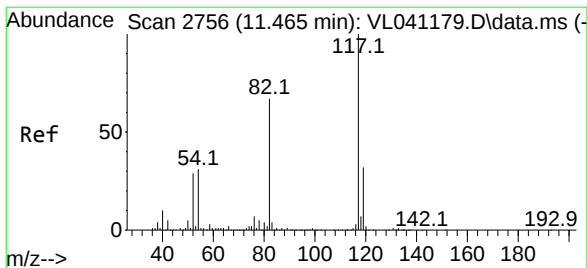
Acq: 3 May 2024 8:17

Tgt Ion:107 Resp: 1052204

Ion	Ratio	Lower	Upper
107	100		
109	92.8	75.2	112.8

107	100
109	92.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.449 min Scan# 27

Delta R.T. -0.016 min

Lab File: VL041208.D

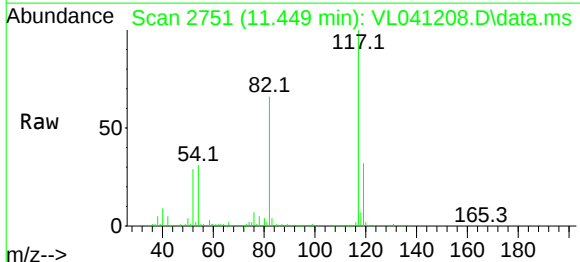
Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:117 Resp: 2355467

Ion Ratio Lower Upper

117 100

82 66.0 53.6 80.4

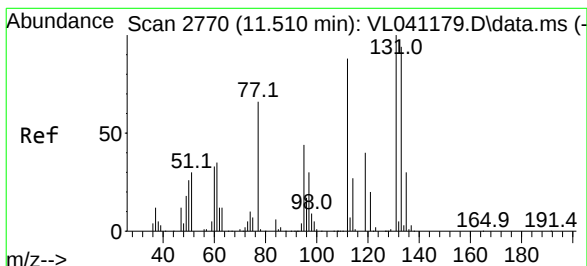
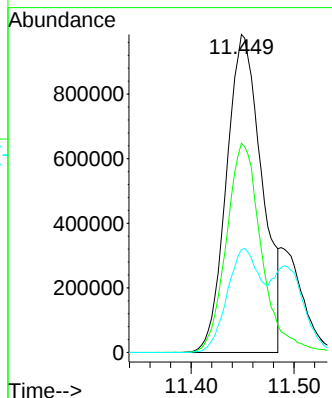
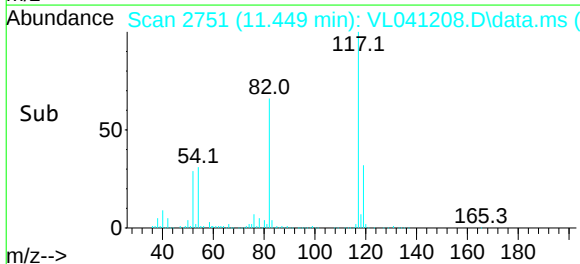
119 31.7 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 9.659 ppbv

RT: 11.494 min Scan# 2765

Delta R.T. -0.016 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

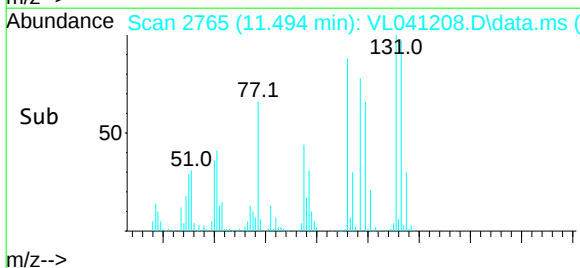
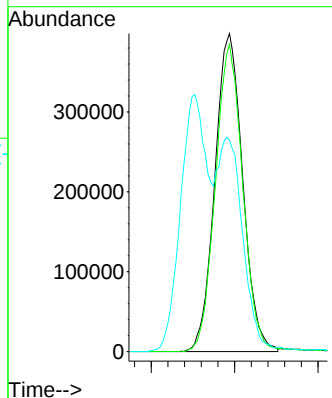
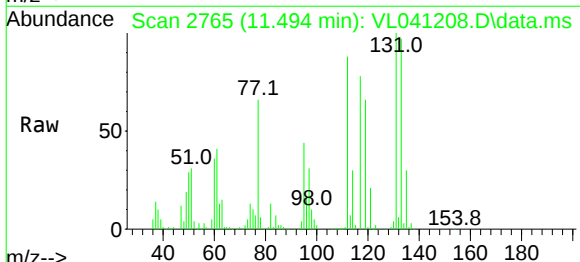
Tgt Ion:131 Resp: 922511

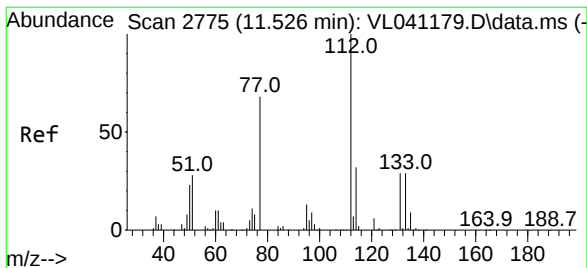
Ion Ratio Lower Upper

131 100

133 95.7 76.3 114.5

119 56.9 49.4 74.2





#57

Chlorobenzene

Concen: 9.314 ppbv

RT: 11.510 min Scan# 27

Delta R.T. -0.016 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

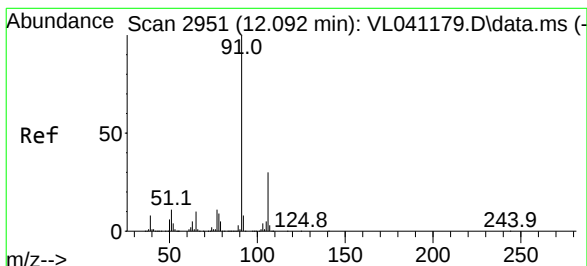
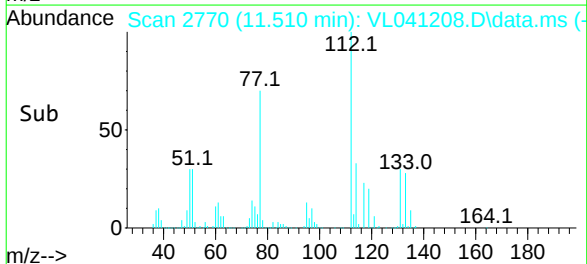
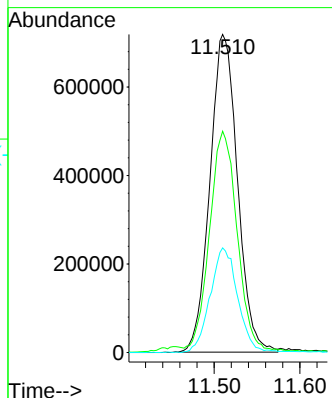
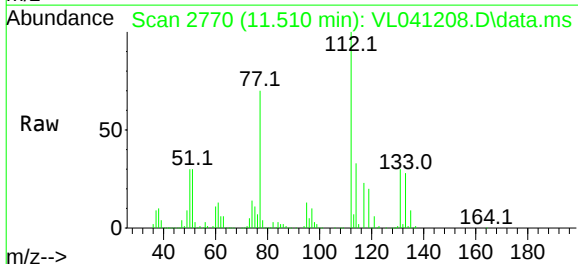
VSTDCCC010EC

Tgt Ion: 112 Resp: 1606749

Ion	Ratio	Lower	Upper
112	100		
77	68.8	54.9	82.3
114	32.8	28.7	35.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#58

Ethyl Benzene

Concen: 9.095 ppbv

RT: 12.073 min Scan# 2945

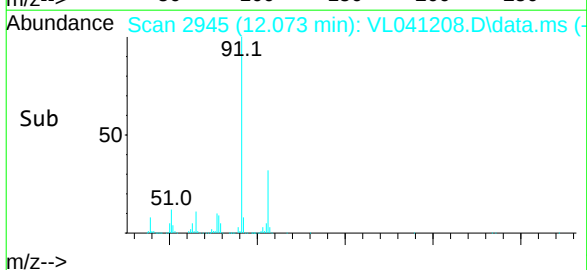
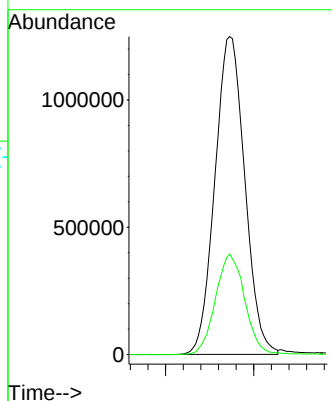
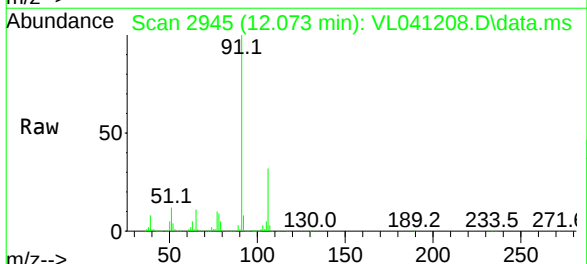
Delta R.T. -0.019 min

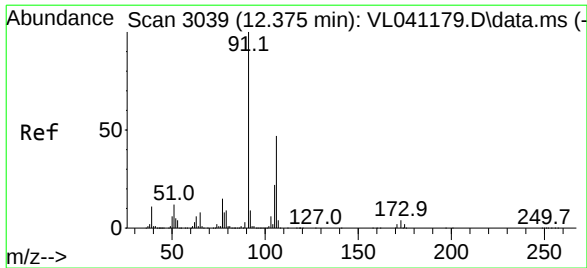
Lab File: VL041208.D

Acq: 3 May 2024 8:17

Tgt Ion: 91 Resp: 2937352

Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.3	36.5





#59

m/p-Xylene

Concen: 18.260 ppbv m

RT: 12.356 min Scan# 3033

Delta R.T. -0.019 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 4956765

Ion Ratio Lower Upper

91 100

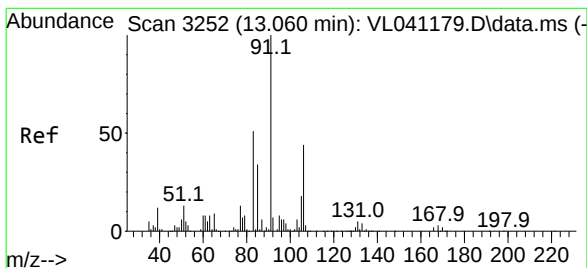
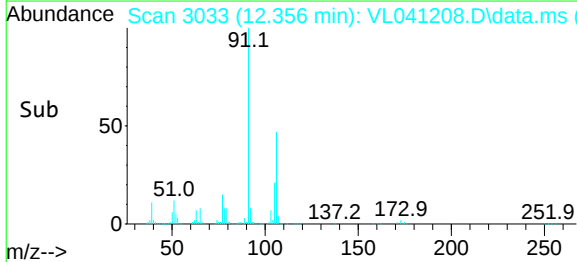
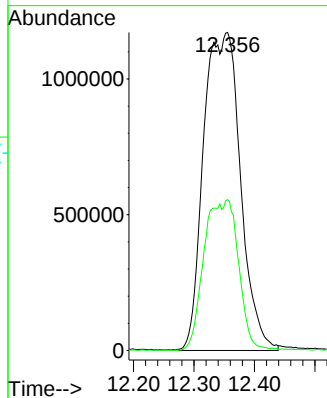
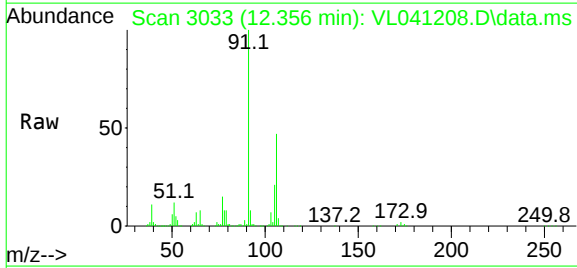
106 44.4 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#60

o-Xylene

Concen: 9.222 ppbv

RT: 13.044 min Scan# 3247

Delta R.T. -0.016 min

Lab File: VL041208.D

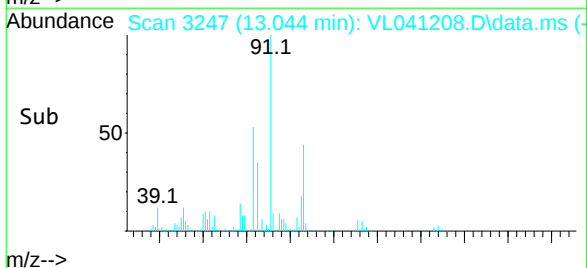
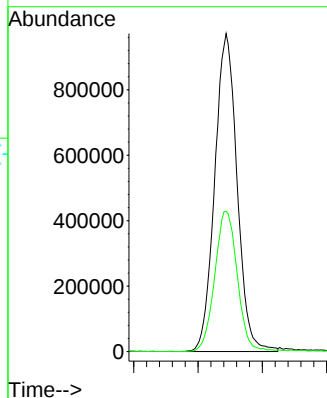
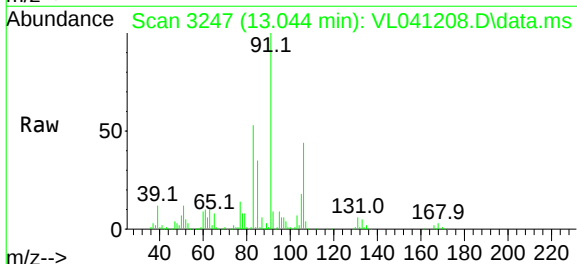
Acq: 3 May 2024 8:17

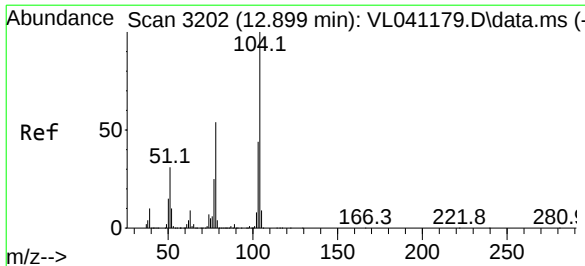
Tgt Ion: 91 Resp: 2346542

Ion Ratio Lower Upper

91 100

106 44.6 22.4 67.3





#61

Styrene

Concen: 9.418 ppbv

RT: 12.883 min Scan# 3197

Delta R.T. -0.016 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 1265963

Ion Ratio Lower Upper

104 100

78 53.1 42.6 63.8

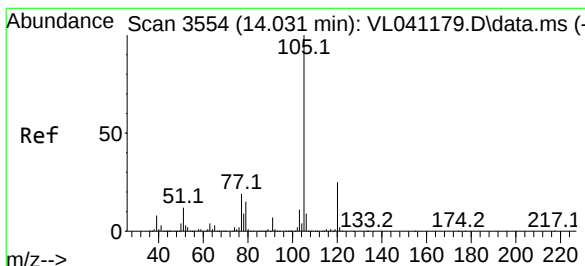
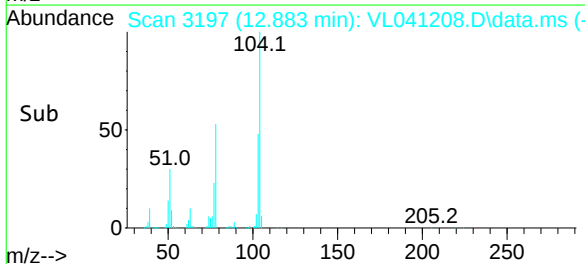
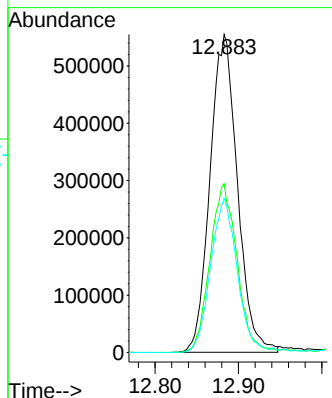
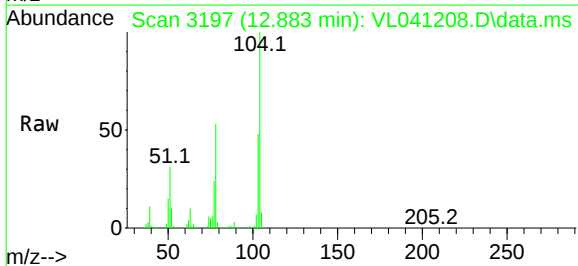
103 47.7 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#62

Isopropylbenzene

Concen: 9.185 ppbv

RT: 14.011 min Scan# 3548

Delta R.T. -0.019 min

Lab File: VL041208.D

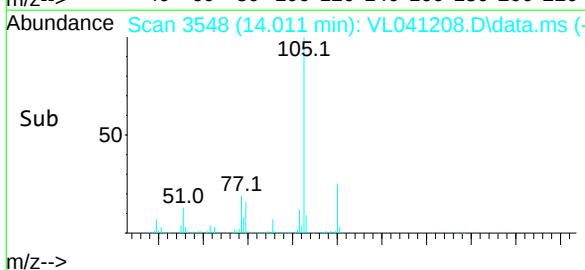
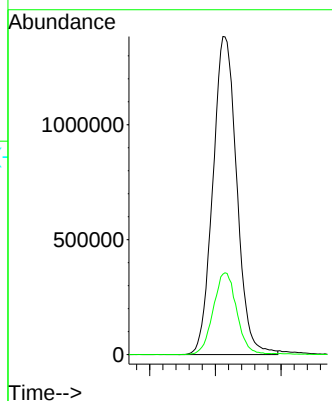
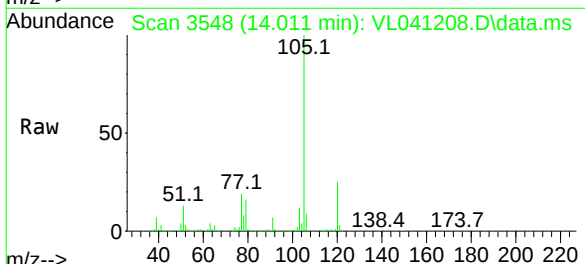
Acq: 3 May 2024 8:17

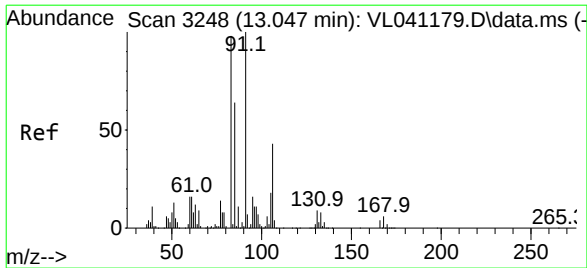
Tgt Ion:105 Resp: 3495815

Ion Ratio Lower Upper

105 100

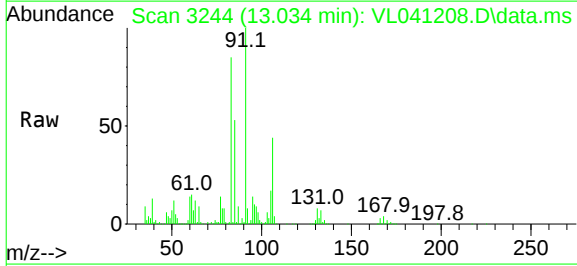
120 25.6 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 9.468 ppbv
RT: 13.034 min Scan# 3248
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

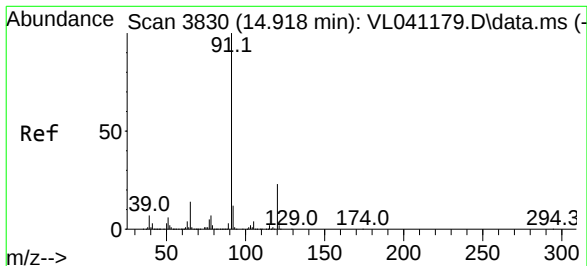
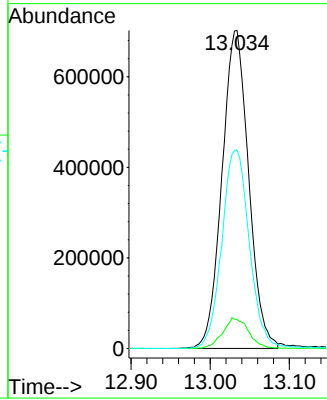
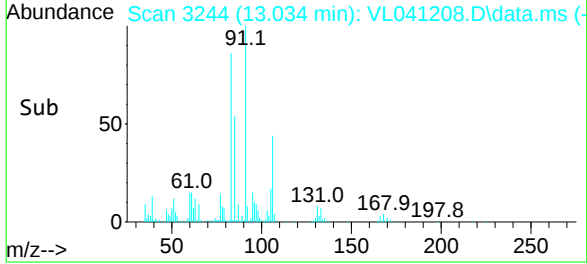
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



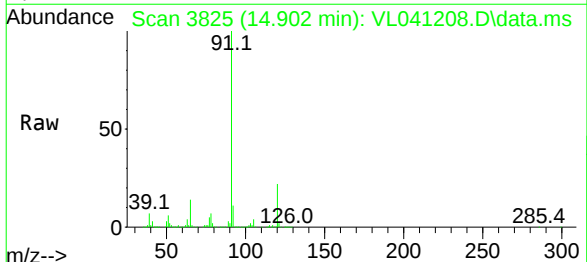
Tgt Ion: 83 Resp: 1642083
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.5
85 65.0 32.7 98.1

Manual Integrations
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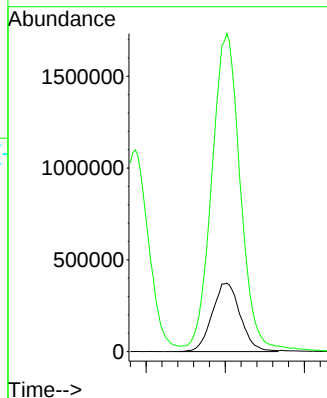
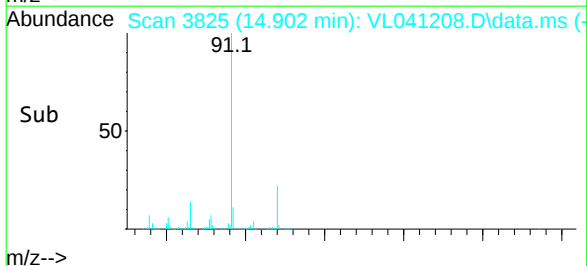
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024

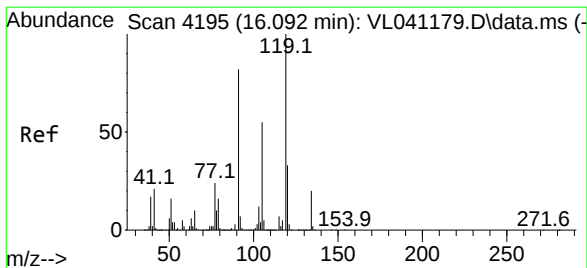


#64
n-propylbenzene
Concen: 9.689 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.016 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17



Tgt Ion:120 Resp: 920015
Ion Ratio Lower Upper
120 100
91 475.3 384.8 577.2





#65

tert-Butylbenzene

Concen: 8.981 ppbv

RT: 16.076 min Scan# 41

Delta R.T. -0.016 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 3061681

Ion Ratio Lower Upper

119 100

91 83.6 67.0 100.4

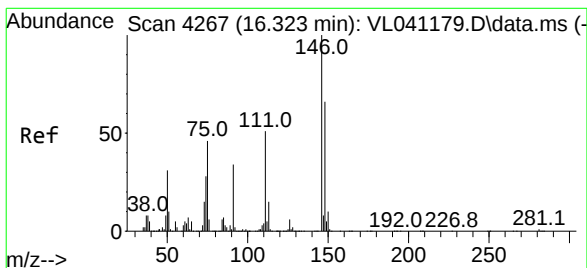
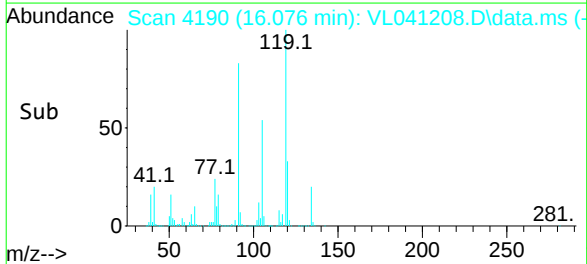
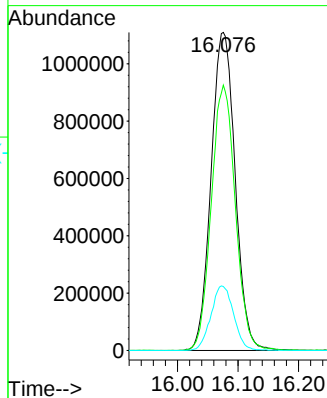
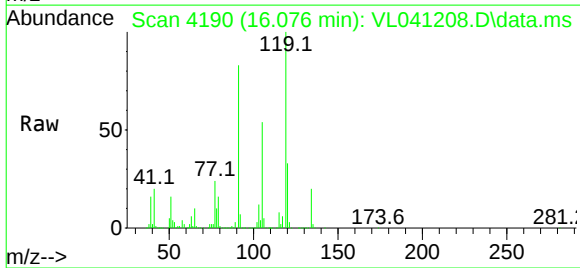
134 19.3 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#66

Benzyl Chloride

Concen: 5.410 ppbv

RT: 16.314 min Scan# 4264

Delta R.T. -0.010 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

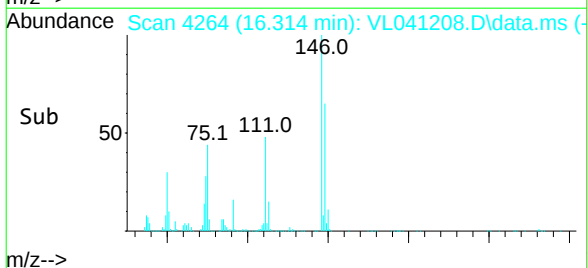
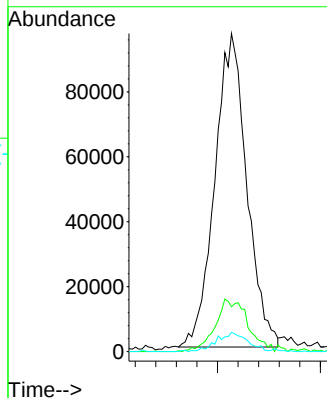
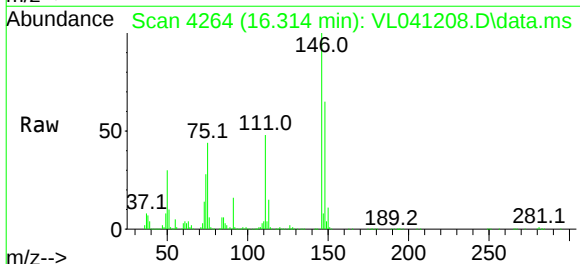
Tgt Ion: 91 Resp: 208747

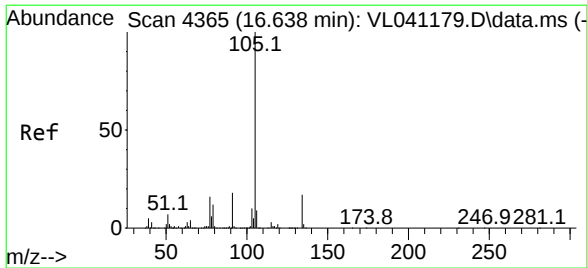
Ion Ratio Lower Upper

91 100

126 17.7 14.6 21.8

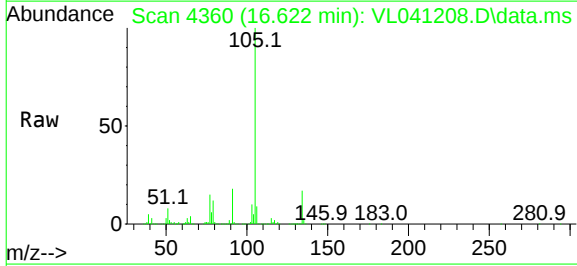
128 6.2 4.7 7.1





#67
sec-Butylbenzene
Concen: 9.021 ppbv
RT: 16.622 min Scan# 4365
Delta R.T. -0.016 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

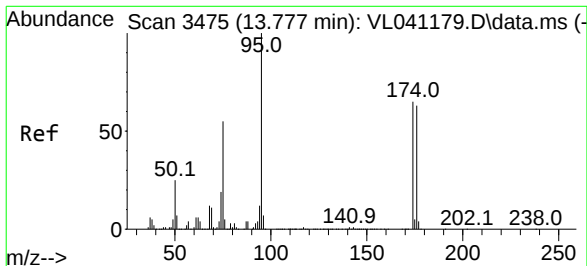
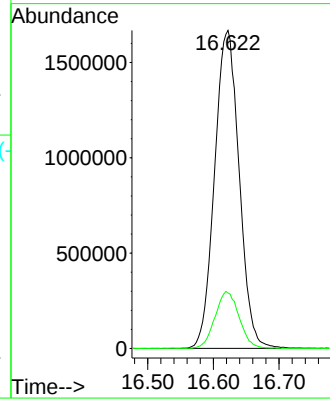
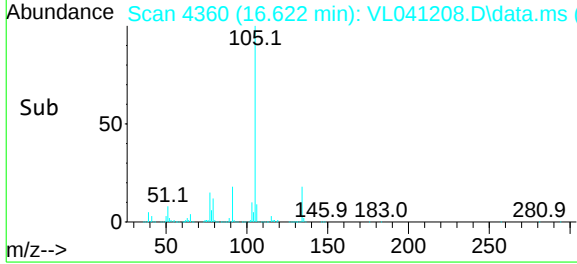
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



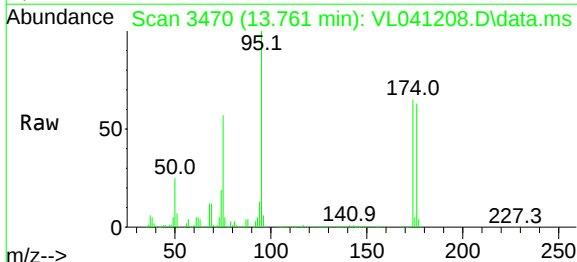
Tgt Ion:105 Resp: 4328861
Ion Ratio Lower Upper
105 100
134 17.7 13.8 20.8

Manual Integrations
APPROVED

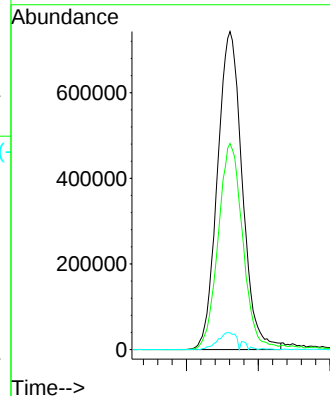
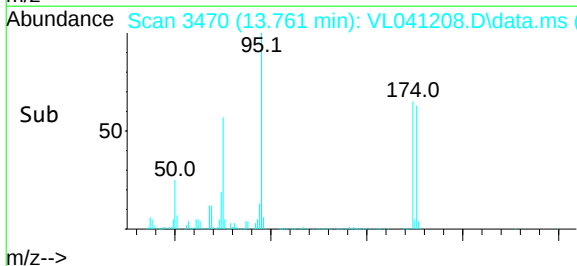
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024

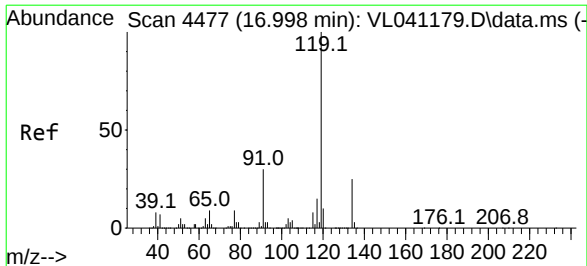


#68
1-Bromo-4-Fluorobenzene
Concen: 10.053 ppbv
RT: 13.761 min Scan# 3470
Delta R.T. -0.016 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17



Tgt Ion: 95 Resp: 1787733
Ion Ratio Lower Upper
95 100
174 65.6 53.6 80.4
175 4.7 4.2 6.4





#69

p-Isopropyltoluene

Concen: 9.133 ppbv

RT: 16.979 min Scan# 44

Delta R.T. -0.019 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 3611777

Ion Ratio Lower Upper

119 100

134 25.2 20.1 30.1

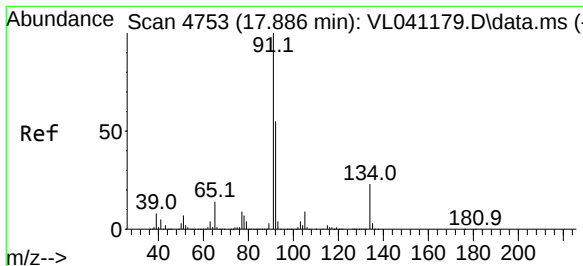
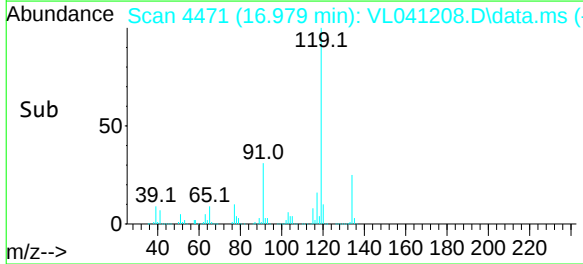
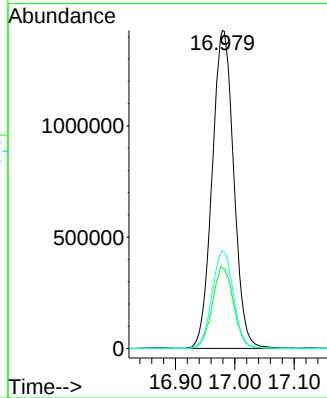
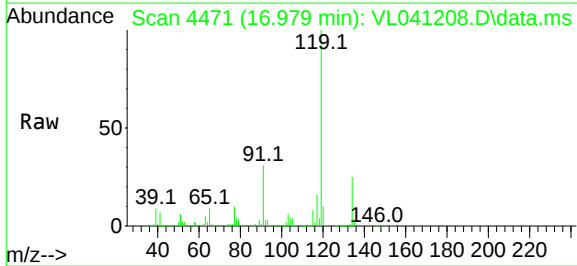
91 30.4 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#70

n-Butylbenzene

Concen: 9.209 ppbv

RT: 17.873 min Scan# 4749

Delta R.T. -0.013 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

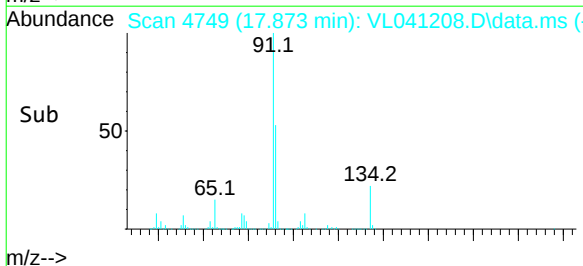
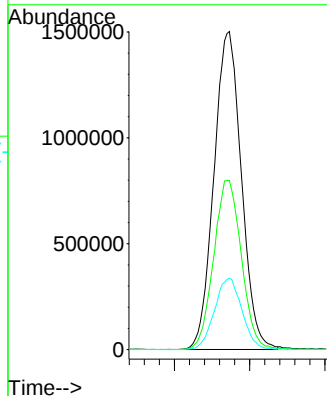
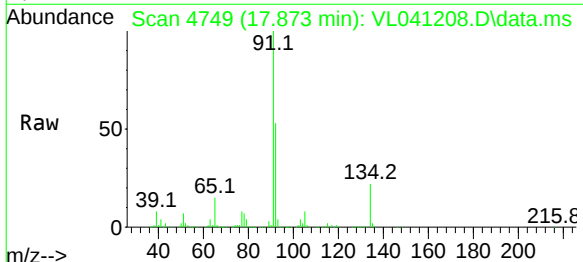
Tgt Ion: 91 Resp: 3803512

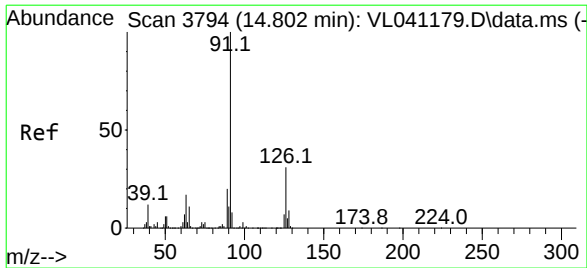
Ion Ratio Lower Upper

91 100

92 53.9 43.3 64.9

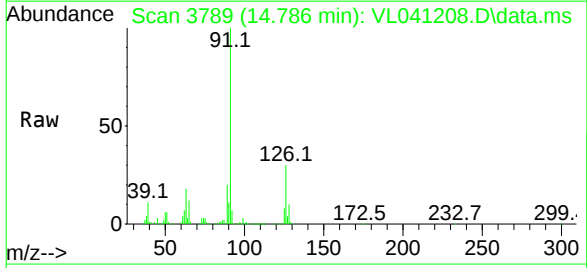
134 22.5 17.8 26.8





#71
2-Chlorotoluene
Concen: 9.281 ppbv
RT: 14.786 min Scan# 3794
Delta R.T. -0.016 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

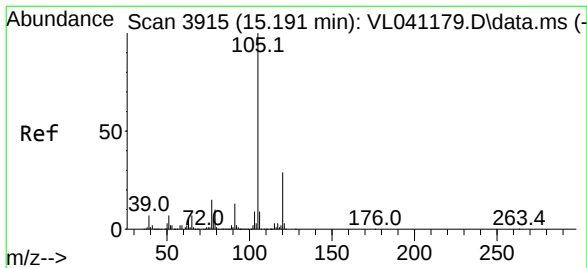
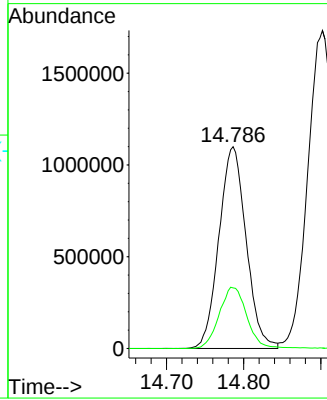
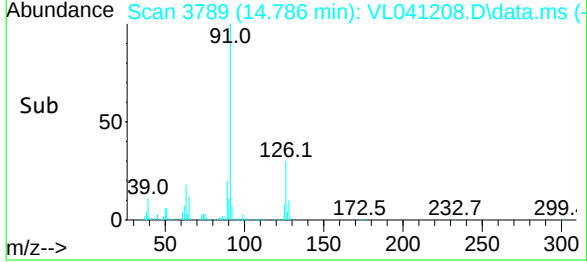
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



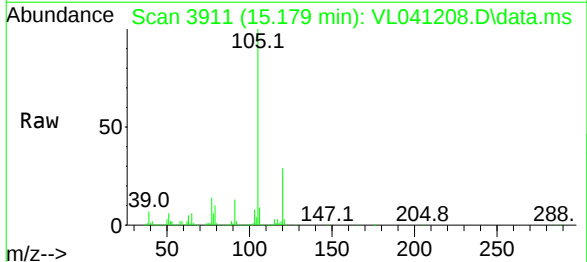
Tgt Ion: 91 Resp: 2689596
Ion Ratio Lower Upper
91 100
126 31.3 12.2 48.8

Manual Integrations
APPROVED

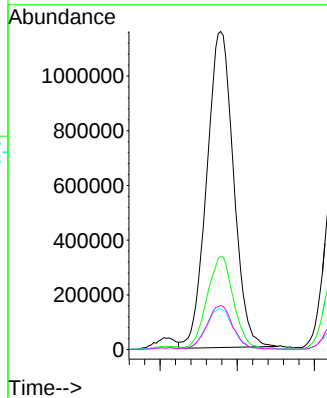
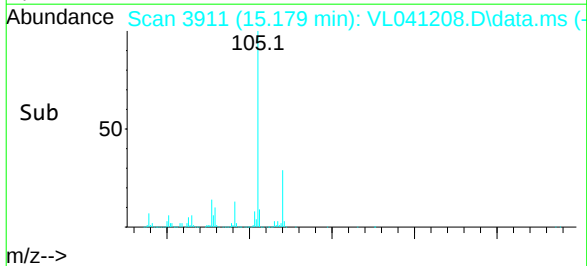
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024

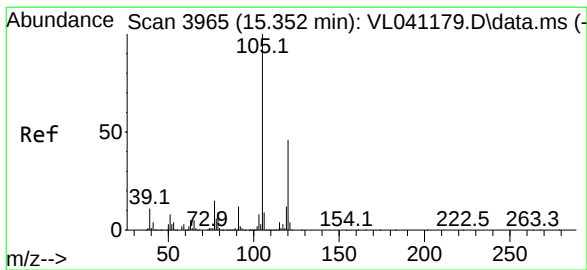


#72
4-Ethyltoluene
Concen: 9.673 ppbv
RT: 15.179 min Scan# 3911
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17



Tgt Ion:105 Resp: 2787821
Ion Ratio Lower Upper
105 100
120 29.7 24.7 37.1
91 13.8 10.3 15.5
77 14.5 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 9.267 ppbv

RT: 15.336 min Scan# 39

Delta R.T. -0.016 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 2416615

Ion Ratio Lower Upper

105 100

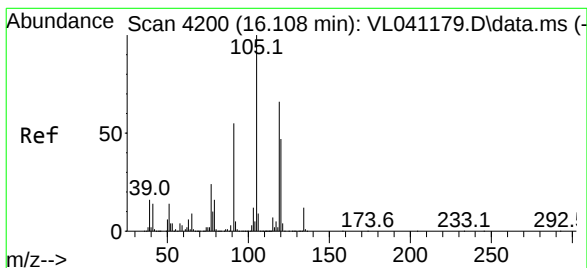
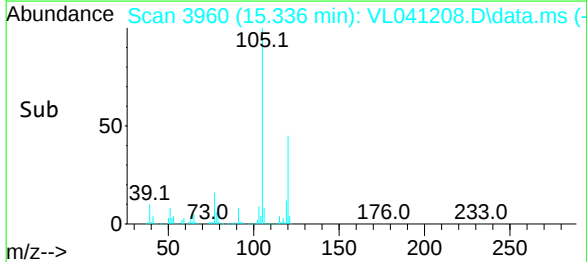
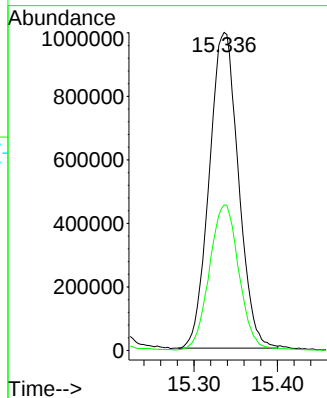
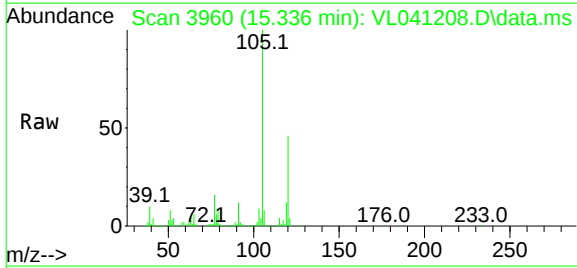
120 45.8 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.262 ppbv

RT: 16.092 min Scan# 4195

Delta R.T. -0.016 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Tgt Ion:105 Resp: 2637848

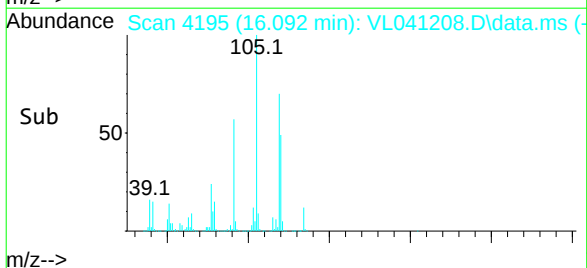
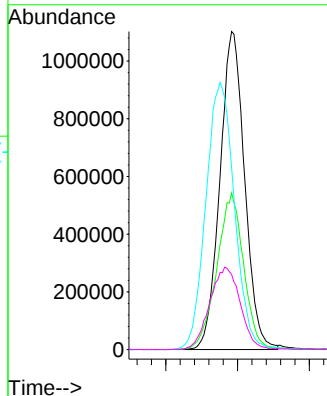
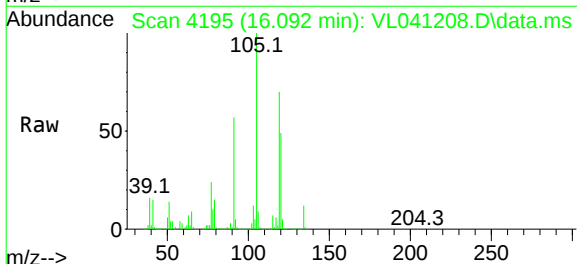
Ion Ratio Lower Upper

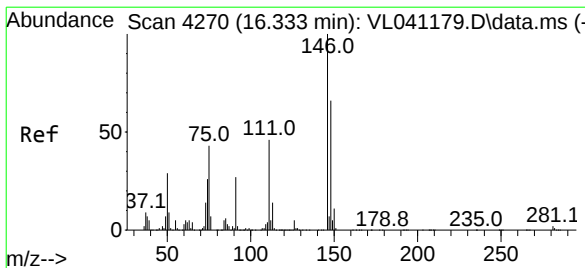
105 100

120 49.2 37.8 56.6

91 56.8 44.3 66.5

77 23.5 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 9.548 ppbv

RT: 16.317 min Scan# 42

Delta R.T. -0.016 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 1559284

Ion Ratio Lower Upper

146 100

111 47.8 23.7 71.1

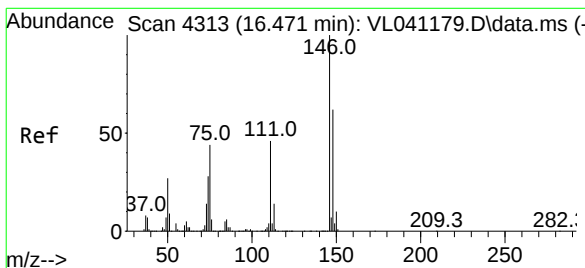
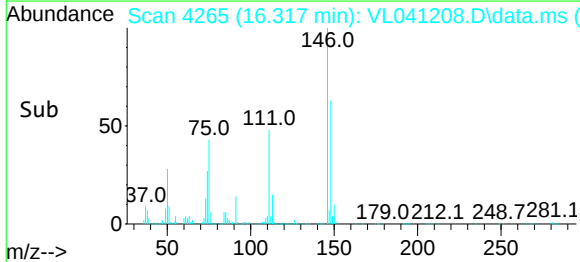
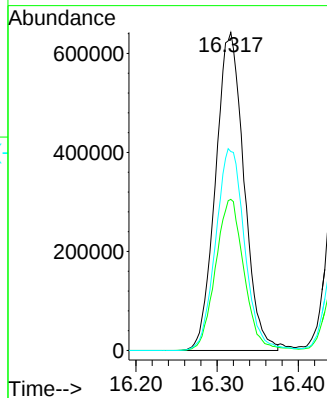
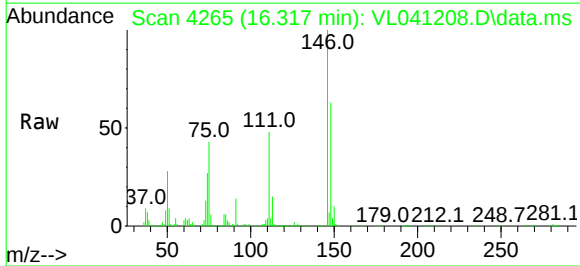
148 64.8 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#76

1,4-Dichlorobenzene

Concen: 9.819 ppbv

RT: 16.458 min Scan# 4309

Delta R.T. -0.013 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

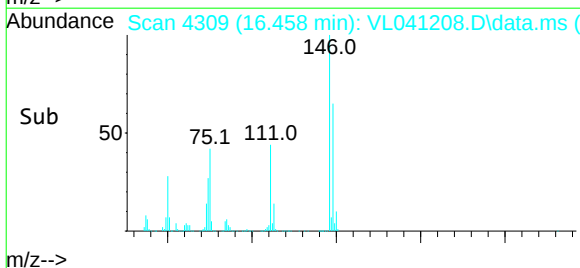
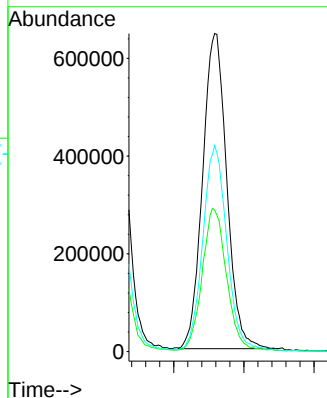
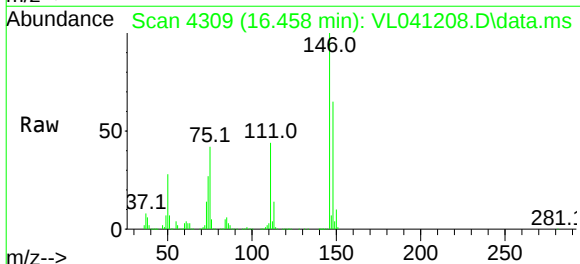
Tgt Ion:146 Resp: 1542079

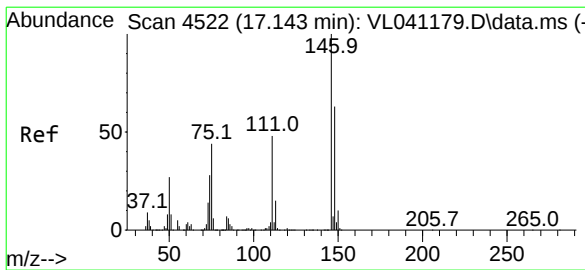
Ion Ratio Lower Upper

146 100

111 46.5 23.3 69.8

148 65.9 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 9.361 ppbv

RT: 17.127 min Scan# 45

Delta R.T. -0.016 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 1528067

Ion Ratio Lower Upper

146 100

111 48.2 24.5 73.5

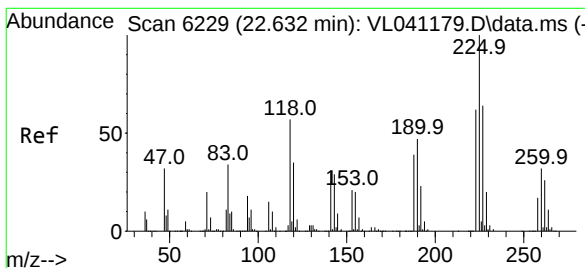
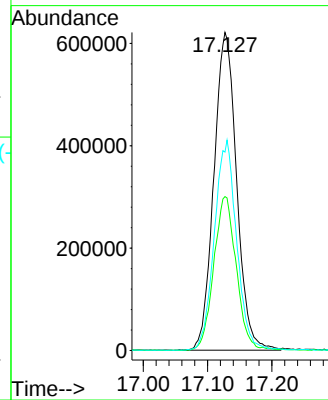
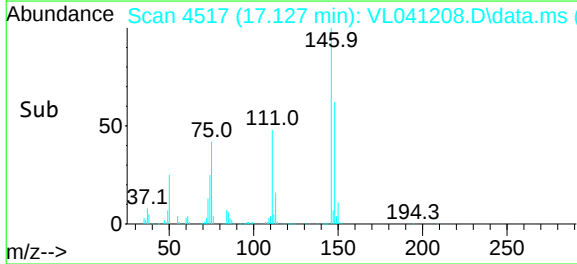
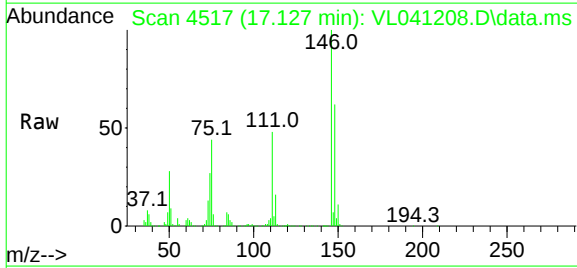
148 65.0 32.6 98.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#78

Hexachloro-1,3-Butadiene

Concen: 7.862 ppbv

RT: 22.616 min Scan# 6224

Delta R.T. -0.016 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

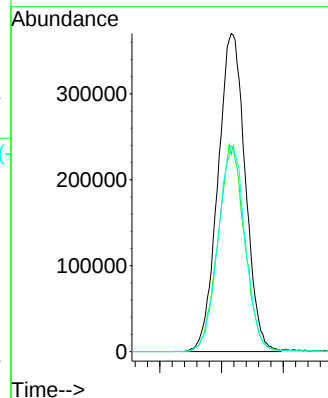
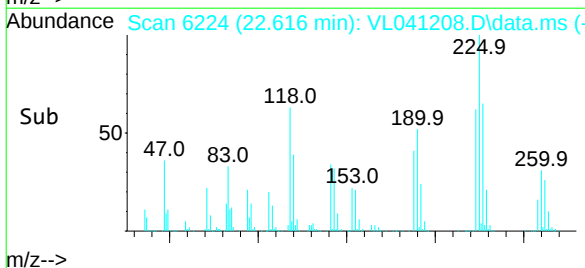
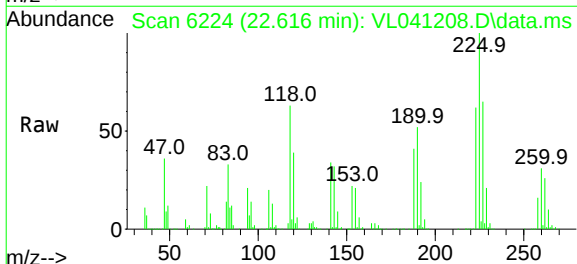
Tgt Ion:225 Resp: 1140684

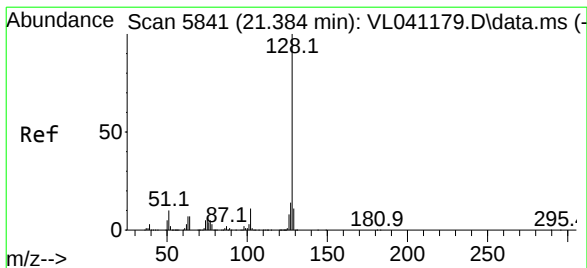
Ion Ratio Lower Upper

225 100

223 63.9 50.9 76.3

227 64.0 52.0 78.0





#79

Naphthalene

Concen: 9.740 ppbv

RT: 21.368 min Scan# 5841

Delta R.T. -0.016 min

Lab File: VL041208.D

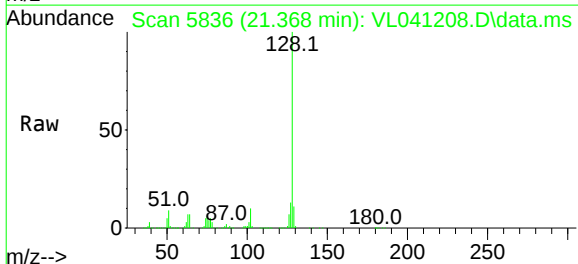
Acq: 3 May 2024 8:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:128 Resp: 2641678

Ion Ratio Lower Upper

128 100

127 12.5 10.8 16.2

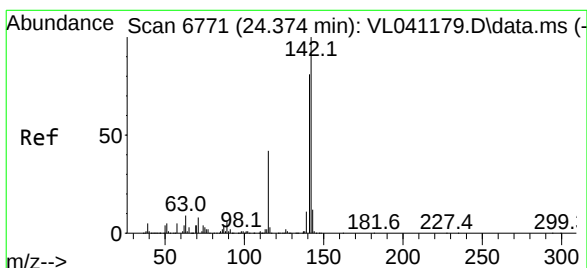
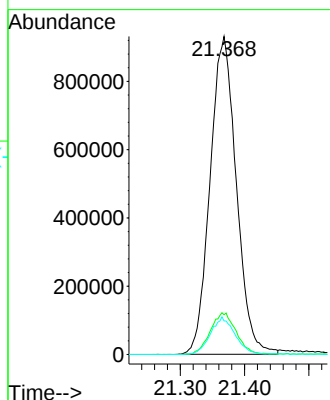
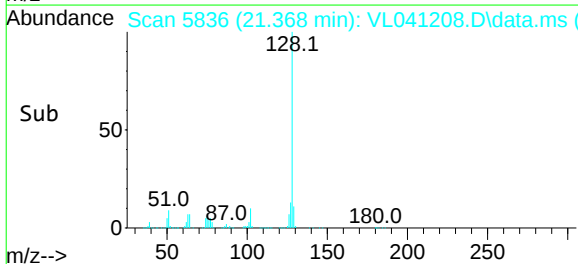
129 10.5 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#80

Naphthalene,2-methyl-

Concen: 7.659 ppbv

RT: 24.361 min Scan# 6767

Delta R.T. -0.013 min

Lab File: VL041208.D

Acq: 3 May 2024 8:17

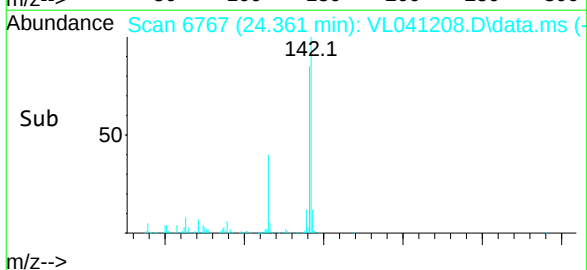
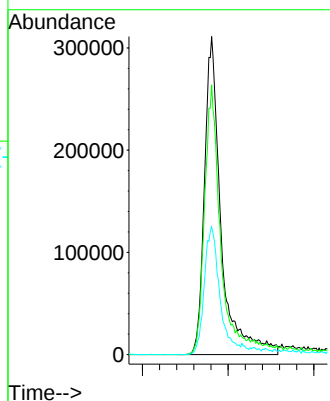
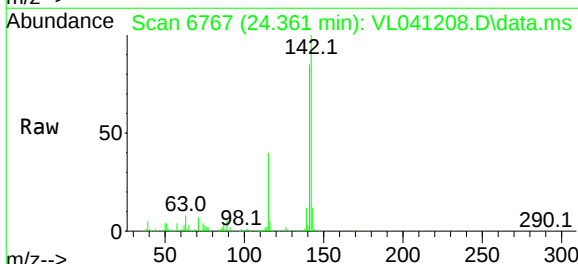
Tgt Ion:142 Resp: 835658

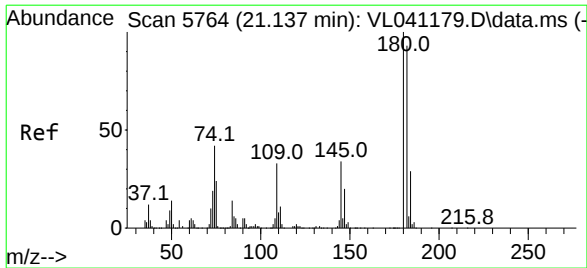
Ion Ratio Lower Upper

142 100

141 85.0 67.9 101.9

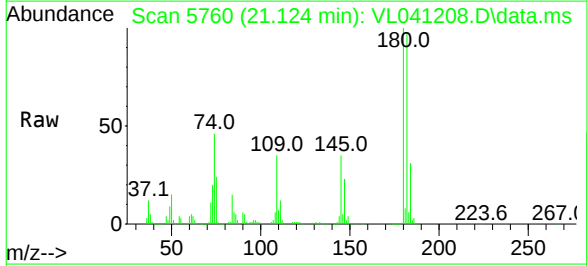
115 39.8 31.4 47.0





#81
1,2,4-Trichlorobenzene
Concen: 9.172 ppbv
RT: 21.124 min Scan# 57
Delta R.T. -0.013 min
Lab File: VL041208.D
Acq: 3 May 2024 8:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 1313432

Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.2	115.8
184	30.8	24.6	36.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024

