

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
 Data File : VL041247.D
 Acq On : 8 May 2024 17:10
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Quant Time: May 09 02:52:05 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 : Thu May 09 02:43:03 2024

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024

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

Internal Standards						
1) Bromochloromethane	5.221	49	819912	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.681	114	2174681	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.497	117	2118976	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.806 95 1609752 10.063 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.755	85	1398323	12.608	ppbv	99
3) Chlorodifluoromethane	2.700	51	1329953	10.680	ppbv	99
4) Chloromethane	2.838	50	491172	10.052	ppbv	97
5) Vinyl Chloride	2.948	62	508392	10.357	ppbv	98
6) Bromomethane	3.147	94	174247	9.729	ppbv	91
7) Chloroethane	3.221	64	174625	10.076	ppbv	91
8) Dichlorotetrafluoroethane	2.883	85	1215172	10.586	ppbv	98
9) Propene	2.719	41	477467	9.798	ppbv	98
10) Heptane	7.610	43	1165224	9.869	ppbv	99
11) Trichlorofluoromethane	3.591	101	1247395	11.067	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.095	101	882886	10.592	ppbv	97
13) Ethanol	3.269	45	102525	9.385	ppbv	99
14) Bromoethene	3.391	108	366987	10.668	ppbv	99
15) Acetone	3.494	43	916649	9.473	ppbv	97
16) 1,3-Butadiene	3.012	39	509782	10.436	ppbv	98
17) tert-Butyl alcohol	3.903	59	915168	8.767	ppbv	99
18) 1,1-Dichloroethene	3.906	96	372933	10.035	ppbv	99
19) Isopropyl Alcohol	3.600	45	606999	9.560	ppbv #	46
20) Methylene Chloride	3.957	84	313368	9.313	ppbv	99
21) Allyl Chloride	4.025	41	624021	9.890	ppbv	98
22) trans-1,2-Dichloroethene	4.472	96	398995	10.323	ppbv	96
23) Vinyl Acetate	4.655	43	1045545	9.812	ppbv	99
24) 1,1-Dichloroethane	4.591	63	856646	10.339	ppbv	99
25) Ethyl Acetate	5.230	43	1920623	9.944	ppbv	99
26) Hexane	5.240	57	847125	9.828	ppbv	98
27) Carbon Disulfide	4.150	76	1020394	10.001	ppbv	95
28) Methyl tert-Butyl Ether	4.613	73	612501	8.925	ppbv	98
29) Chloroform	5.304	83	1309287	11.011	ppbv	100
30) Cyclohexane	6.629	84	705573	10.341	ppbv	97
31) cis-1,2-Dichloroethene	5.105	61	858456	10.639	ppbv	96
32) 1,1,1-Trichloroethane	6.031	97	1303224	10.985	ppbv	98
34) 2-Butanone	4.812	43	1163105	10.508	ppbv	99
35) Carbon Tetrachloride	6.523	117	1343744	11.010	ppbv	98
36) Benzene	6.401	78	1774222	9.722	ppbv	99
37) 1,2-Dichloroethane	5.835	62	1049363	11.021	ppbv	99
38) Trichloroethene	7.324	130	699370	10.284	ppbv	94
39) 1,2-Dichloropropane	7.102	63	685062	9.740	ppbv	98
40) 1,4-Dioxane	7.314	88	240580	9.575	ppbv #	1
41) Tetrahydrofuran	5.584	42	751105	9.374	ppbv	99
42) Bromodichloromethane	7.282	83	1474595	10.798	ppbv	98
43) Methyl Methacrylate	7.500	69	728503	9.870	ppbv	100
44) 2,2,4-Trimethylpentane	7.356	57	3001620	9.539	ppbv	100
45) t-1,3-Dichloropropene	8.742	75	513131	9.594	ppbv	98

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Instrument :
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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024

Quant Time: May 09 02:52:05 2024

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

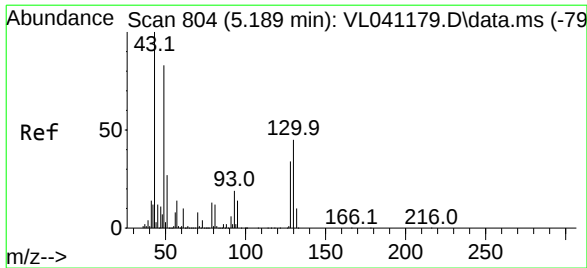
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu May 09 02:43:03 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.172	75	626662	9.570	ppbv	99
47) 1,1,2-Trichloroethane	8.931	97	743320	10.559	ppbv	97
48) Dibromochloromethane	9.742	129	1261490	11.247	ppbv	99
49) Bromoform	12.439	173	1048601	10.990	ppbv	100
50) 4-Methyl-2-Pentanone	8.208	43	1871686	9.423	ppbv	99
51) 2-Hexanone	9.578	43	1367712	9.283	ppbv #	97
52) Tetrachloroethene	10.648	164	628606	9.800	ppbv	97
53) Toluene	9.250	91	2100305	9.925	ppbv	99
54) 1,2-Dibromoethane	10.037	107	1024055	10.740	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.539	131	918361	10.688	ppbv	100
57) Chlorobenzene	11.558	112	1588281	10.235	ppbv	97
58) Ethyl Benzene	12.118	91	2829747	9.739	ppbv	99
59) m/p-Xylene	12.401	91	4824821m	19.758	ppbv	
60) o-Xylene	13.089	91	2264019	9.891	ppbv	100
61) Styrene	12.928	104	1227983	10.155	ppbv	98
62) Isopropylbenzene	14.060	105	3399532	9.929	ppbv	100
63) 1,1,1,2-Tetrachloroethane	13.079	83	1596935	10.235	ppbv	100
64) n-propylbenzene	14.947	120	899631	10.532	ppbv	95
65) tert-Butylbenzene	16.121	119	2994135	9.764	ppbv	100
66) Benzyl Chloride	16.359	91	191207m	5.508	ppbv	
67) sec-Butylbenzene	16.664	105	4267104	9.885	ppbv	99
69) p-Isopropyltoluene	17.024	119	3549306	9.977	ppbv	100
70) n-Butylbenzene	17.915	91	3682262	9.911	ppbv	100
71) 2-Chlorotoluene	14.831	91	2610607	10.014	ppbv	99
72) 4-Ethyltoluene	15.224	105	2729801	10.528	ppbv	98
73) 1,3,5-Trimethylbenzene	15.381	105	2383711	10.161	ppbv	100
74) 1,2,4-Trimethylbenzene	16.137	105	2575124	10.051	ppbv	99
75) 1,3-Dichlorobenzene	16.362	146	1553038	10.571	ppbv	99
76) 1,4-Dichlorobenzene	16.503	146	1514104	10.717	ppbv	100
77) 1,2-Dichlorobenzene	17.172	146	1501237	10.223	ppbv	99
78) Hexachloro-1,3-Butadiene	22.664	225	1069407	8.193	ppbv	99
79) Naphthalene	21.413	128	2569903	10.533	ppbv	98
80) Naphthalene,2-methyl-	24.397	142	783563	7.983	ppbv	99
81) 1,2,4-Trichlorobenzene	21.169	180	1228719	9.538	ppbv	100

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



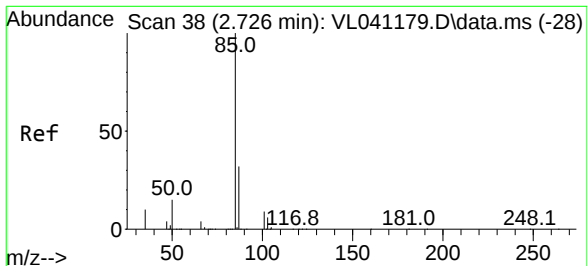
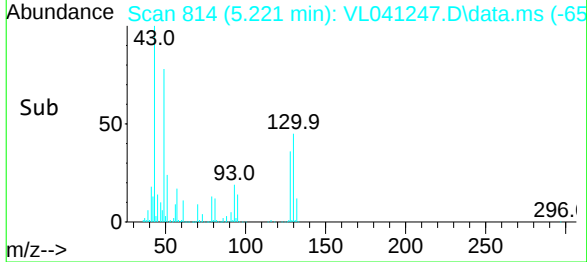
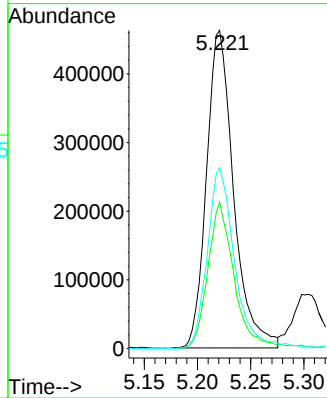
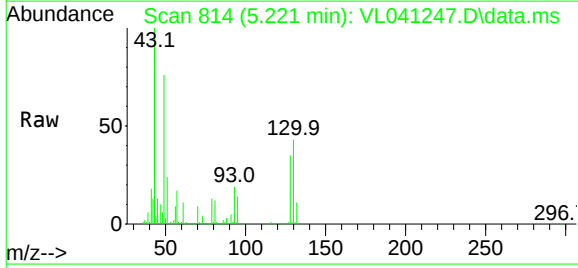
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.221 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 819912
Ion Ratio Lower Upper
49 100
128 45.5 21.5 64.5
130 58.5 27.2 81.6

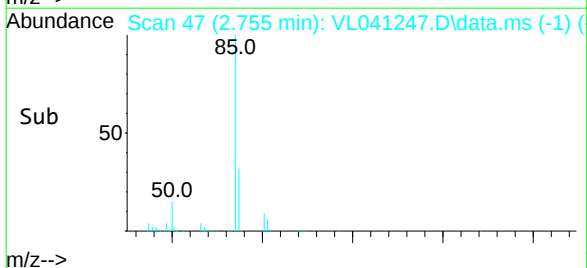
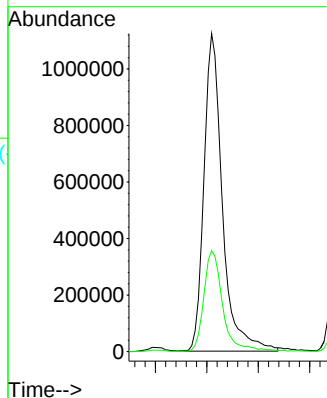
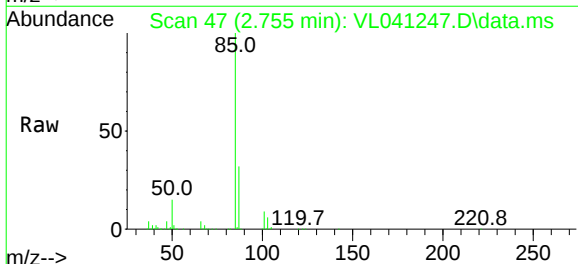
Manual Integrations
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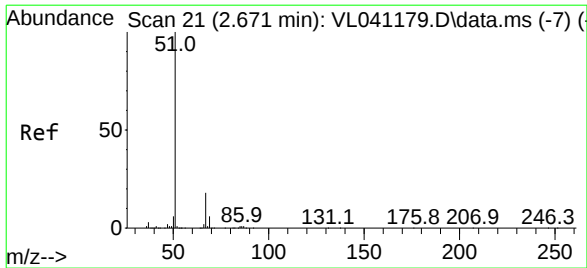
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#2
Dichlorodifluoromethane
Concen: 12.608 ppbv
RT: 2.755 min Scan# 47
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

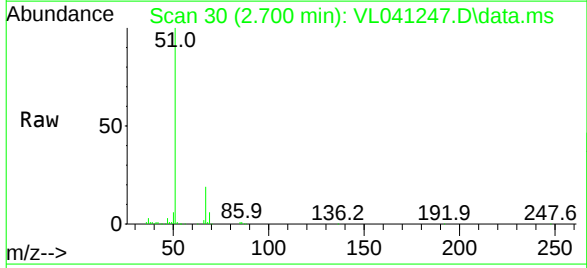
Tgt Ion: 85 Resp: 1398323
Ion Ratio Lower Upper
85 100
87 31.7 25.7 38.5





#3
Chlorodifluoromethane
Concen: 10.680 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

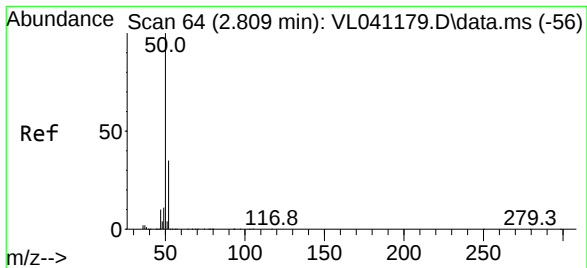
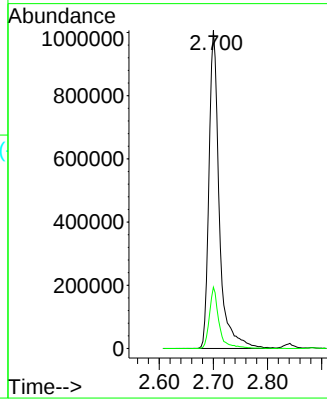
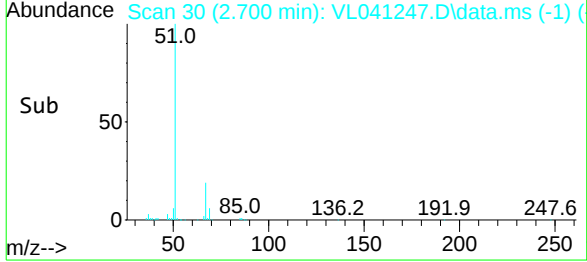
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



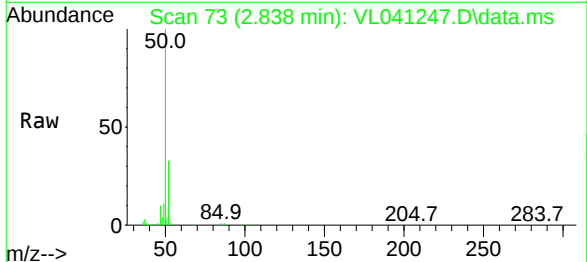
Tgt Ion: 51 Resp: 1329953
Ion Ratio Lower Upper
51 100
67 18.1 14.0 21.0

Manual Integrations
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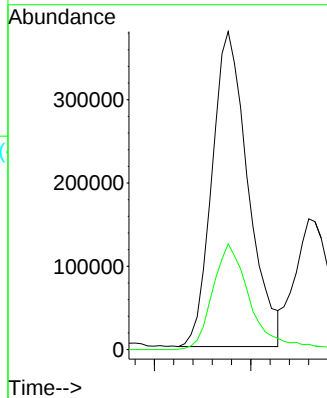
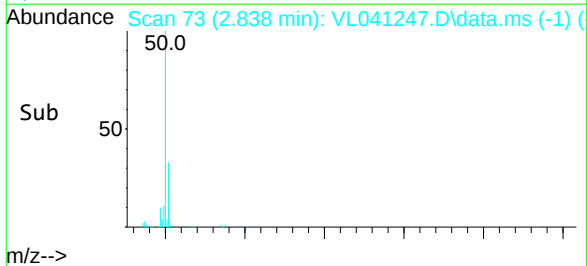
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

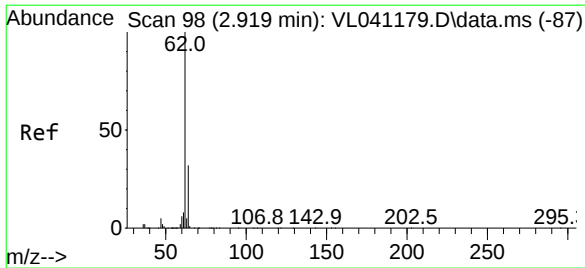


#4
Chloromethane
Concen: 10.052 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.006 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10



Tgt Ion: 50 Resp: 491172
Ion Ratio Lower Upper
50 100
52 33.4 28.3 42.5





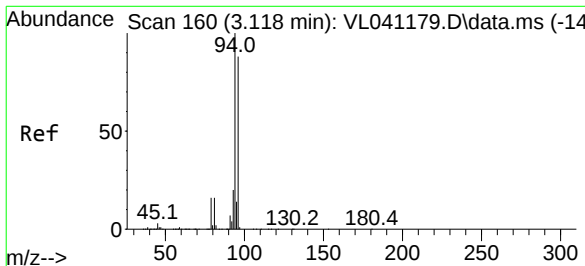
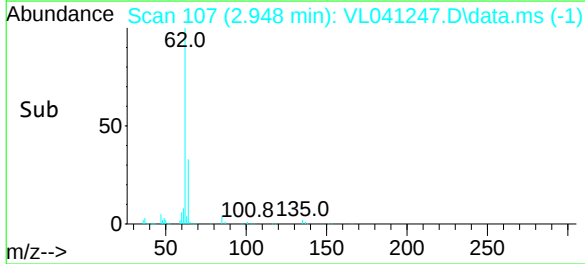
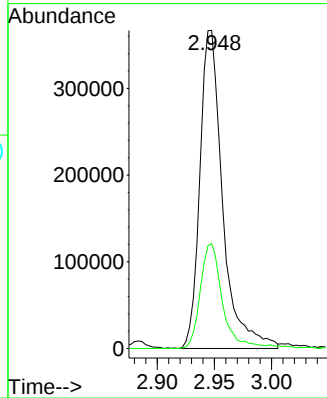
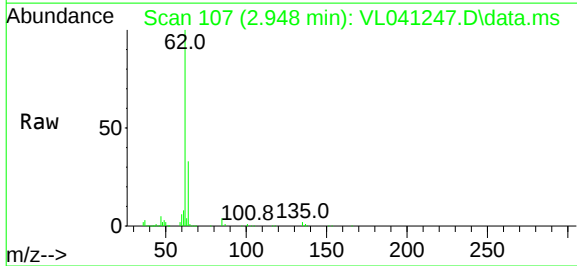
#5
Vinyl Chloride
Concen: 10.357 ppbv
RT: 2.948 min Scan# 107
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 508392
Ion Ratio Lower Upper
62 100
64 33.0 25.7 38.5

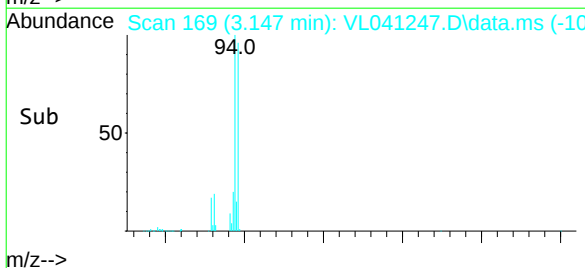
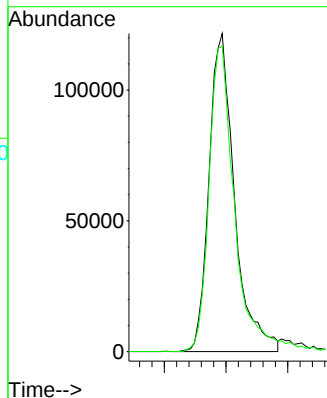
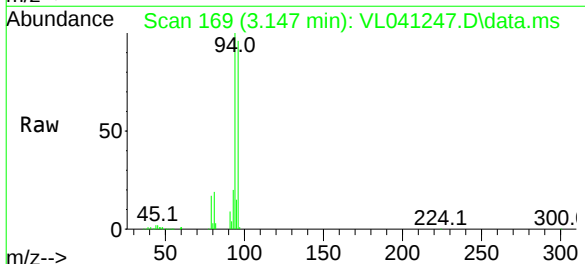
Manual Integrations
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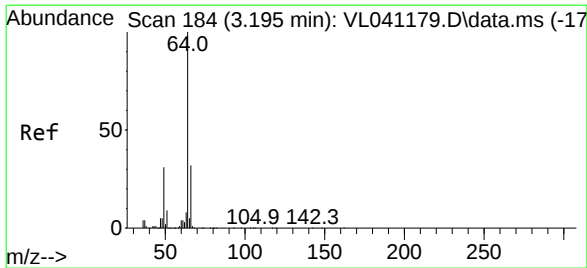
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#6
Bromomethane
Concen: 9.729 ppbv
RT: 3.147 min Scan# 169
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Tgt Ion: 94 Resp: 174247
Ion Ratio Lower Upper
94 100
96 96.0 70.1 105.1





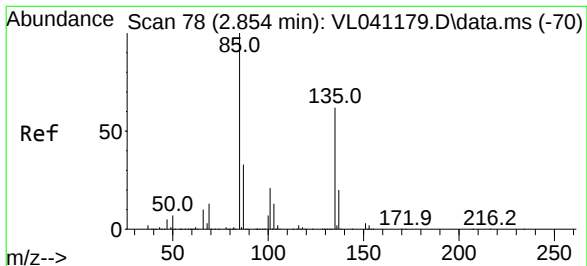
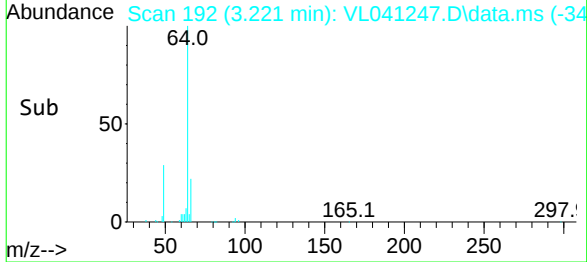
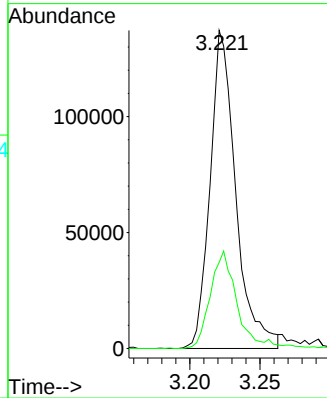
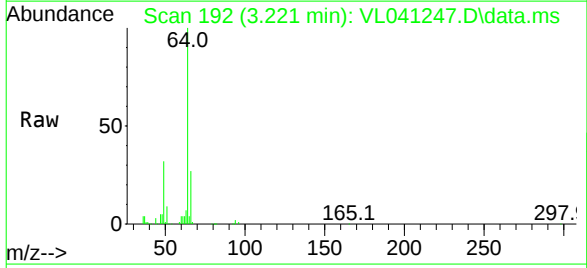
#7
Chloroethane
Concen: 10.076 ppbv
RT: 3.221 min Scan# 19
Delta R.T. 0.006 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 174625
Ion Ratio Lower Upper
64 100
66 27.0 25.4 38.2

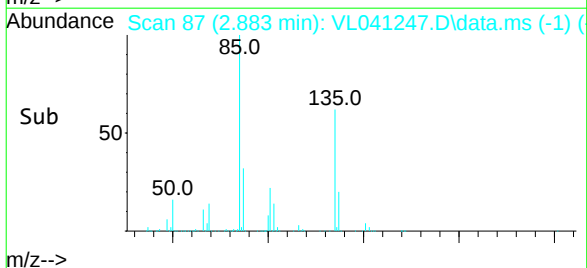
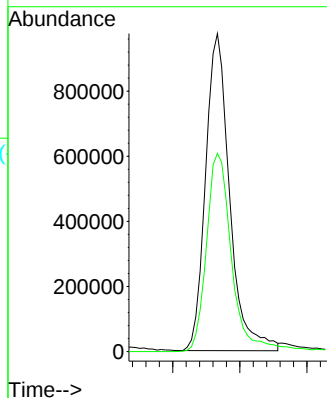
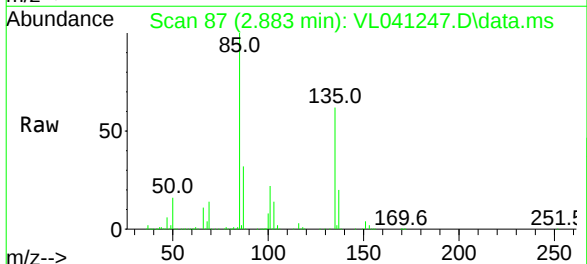
Manual Integrations
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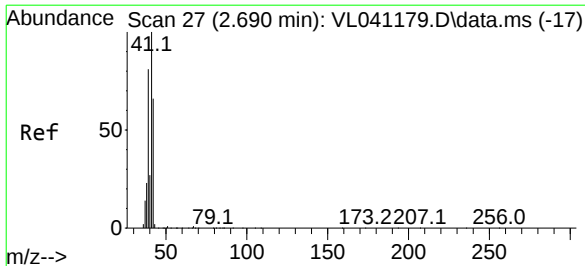
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#8
Dichlorotetrafluoroethane
Concen: 10.586 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Tgt Ion: 85 Resp: 1215172
Ion Ratio Lower Upper
85 100
135 66.3 51.5 77.3





#9

Propene

Concen: 9.798 ppbv

RT: 2.719 min Scan# 36

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 477467

Ion Ratio Lower Upper

41 100

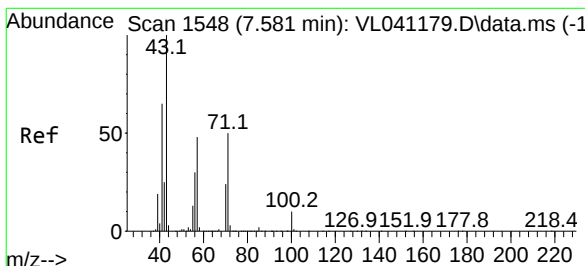
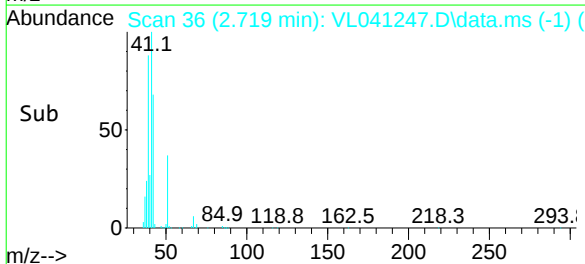
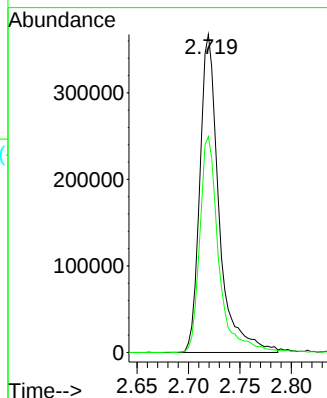
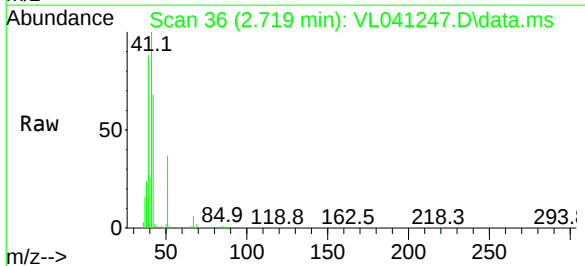
42 67.7 55.3 82.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#10

Heptane

Concen: 9.869 ppbv

RT: 7.610 min Scan# 1557

Delta R.T. 0.010 min

Lab File: VL041247.D

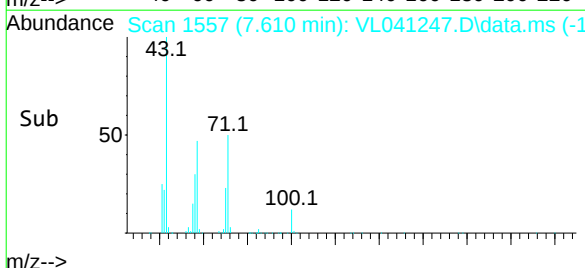
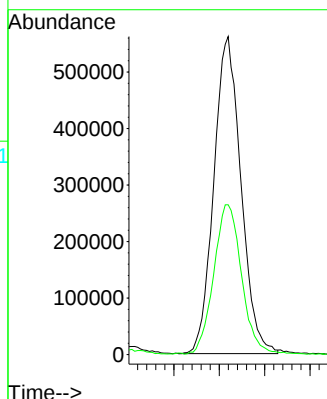
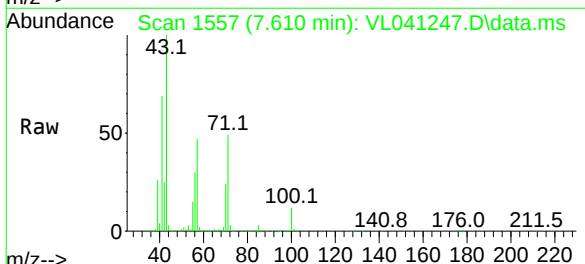
Acq: 8 May 2024 17:10

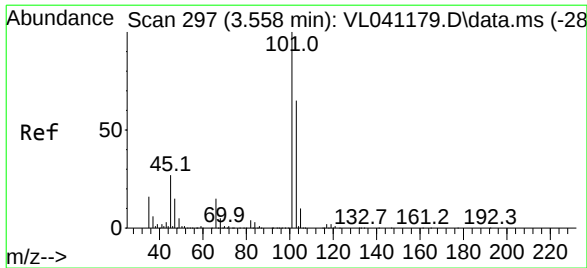
Tgt Ion: 43 Resp: 1165224

Ion Ratio Lower Upper

43 100

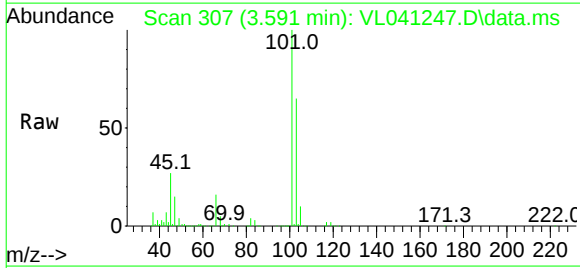
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#11
Trichlorofluoromethane
Concen: 11.067 ppbv
RT: 3.591 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

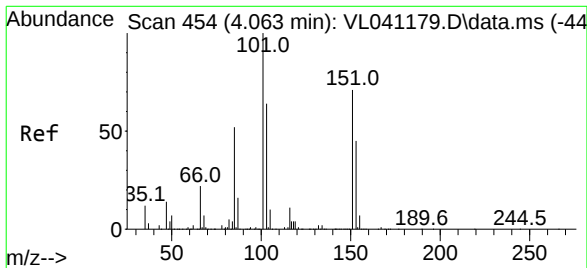
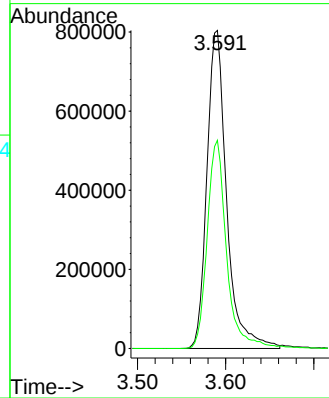
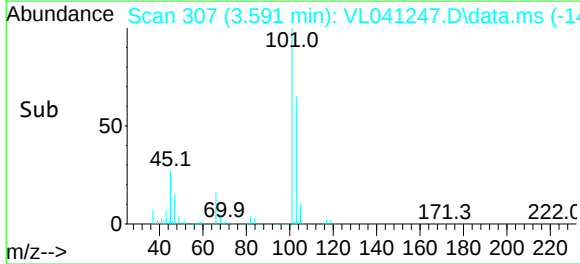
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 1247395
Ion Ratio Lower Upper
101 100
103 65.5 51.6 77.4

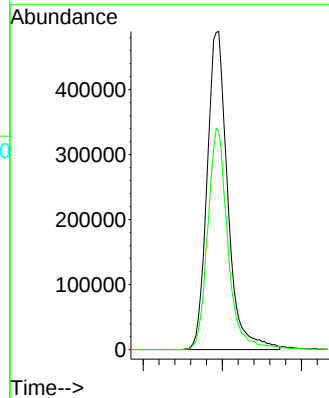
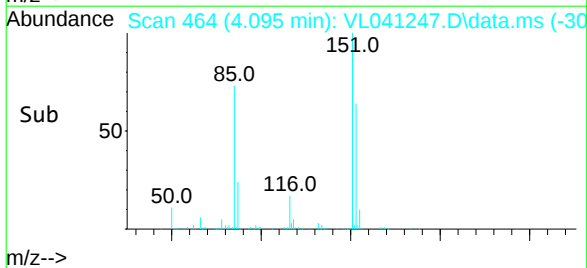
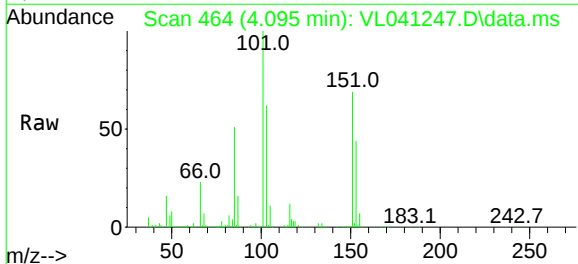
Manual Integrations
APPROVED

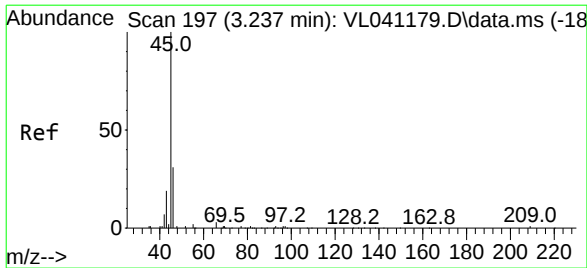
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.592 ppbv
RT: 4.095 min Scan# 464
Delta R.T. 0.013 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

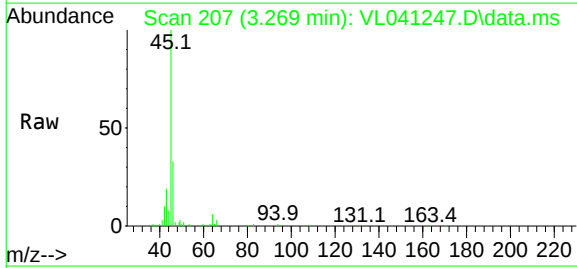
Tgt Ion:101 Resp: 882886
Ion Ratio Lower Upper
101 100
151 68.3 56.8 85.2





#13
Ethanol
Concen: 9.385 ppbv
RT: 3.269 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

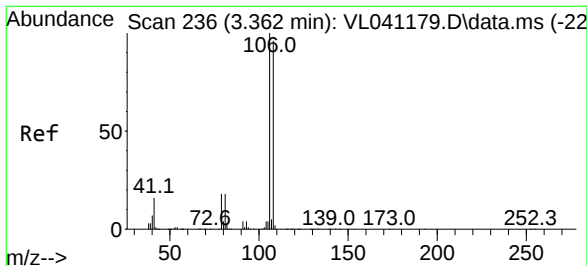
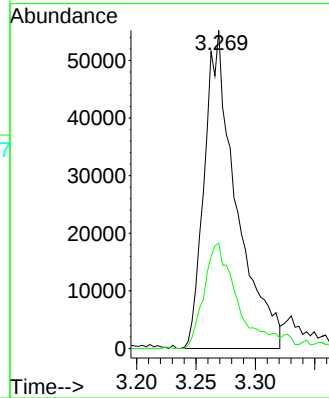
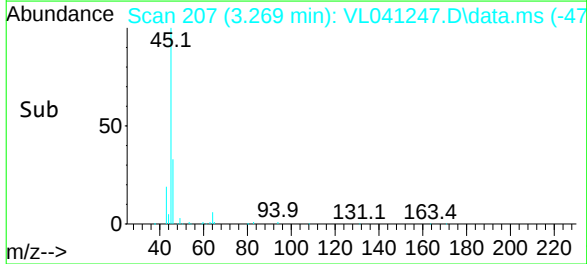
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



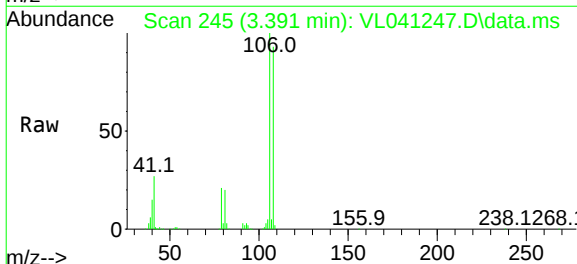
Tgt Ion: 45 Resp: 102525
Ion Ratio Lower Upper
45 100
46 37.5 14.8 59.0

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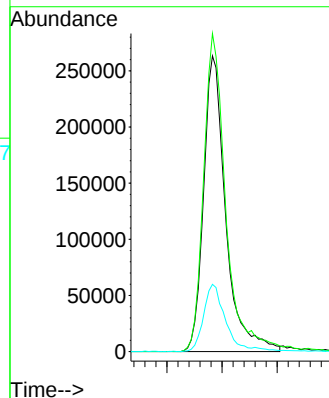
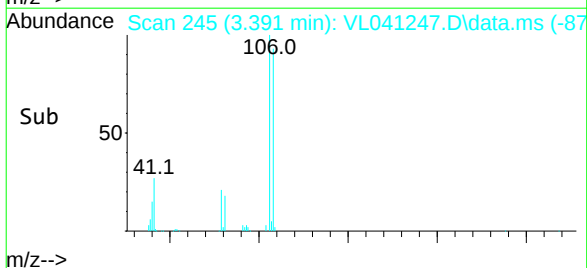
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

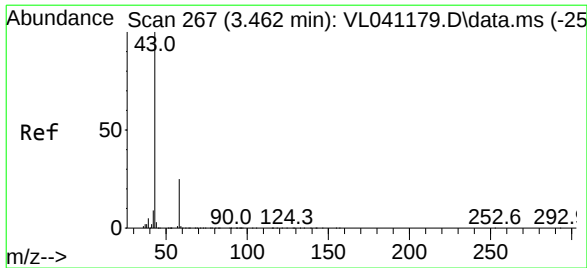


#14
Bromoethene
Concen: 10.668 ppbv
RT: 3.391 min Scan# 245
Delta R.T. 0.006 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10



Tgt Ion:108 Resp: 366987
Ion Ratio Lower Upper
108 100
106 109.6 88.2 132.4
79 23.2 17.4 26.0





#15

Acetone

Concen: 9.473 ppbv

RT: 3.494 min Scan# 27

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 916649

Ion Ratio Lower Upper

43 100

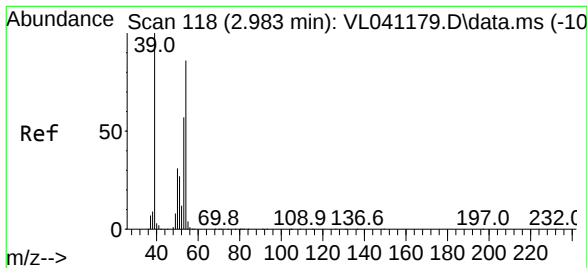
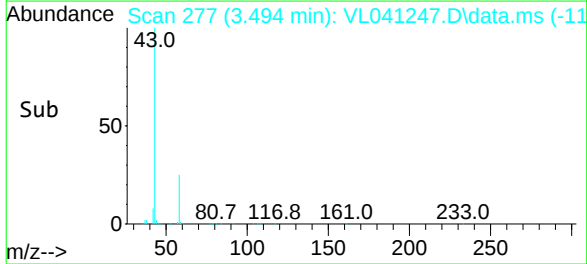
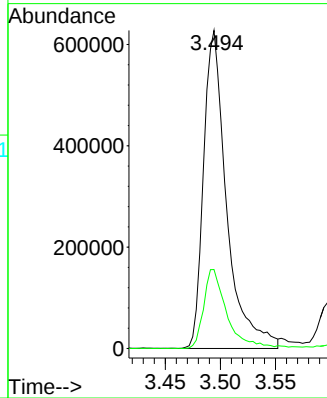
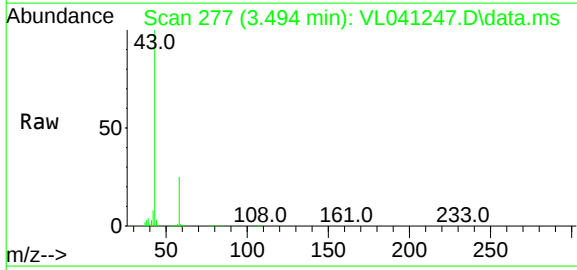
58 25.2 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#16

1,3-Butadiene

Concen: 10.436 ppbv

RT: 3.012 min Scan# 127

Delta R.T. 0.010 min

Lab File: VL041247.D

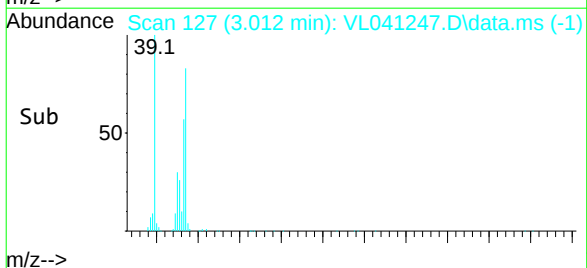
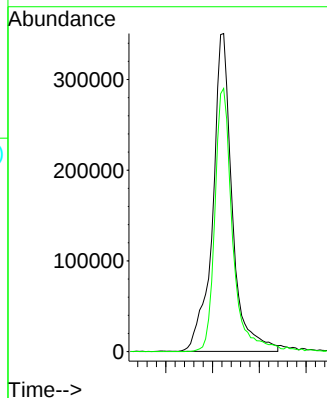
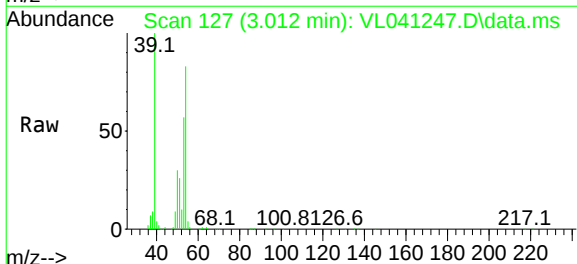
Acq: 8 May 2024 17:10

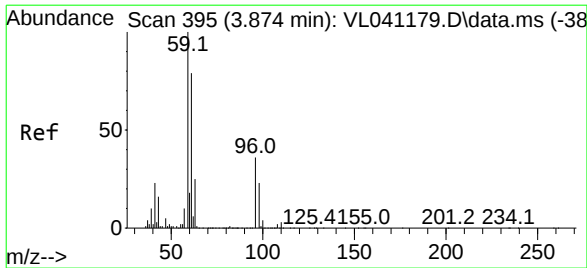
Tgt Ion: 39 Resp: 509782

Ion Ratio Lower Upper

39 100

54 76.2 62.2 93.4





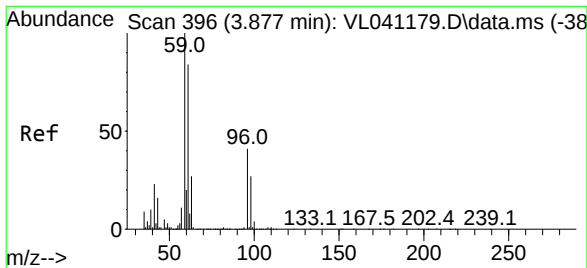
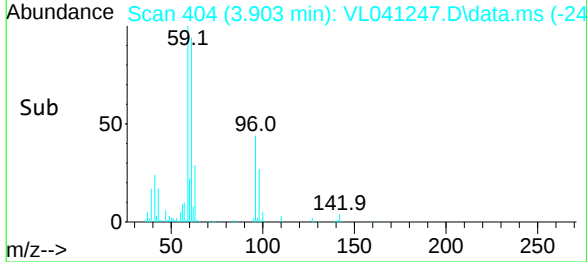
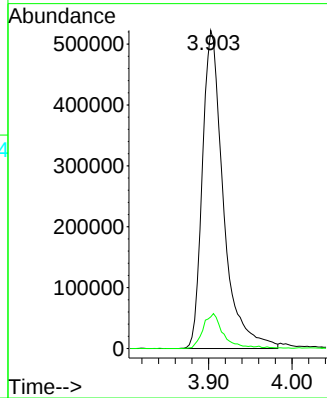
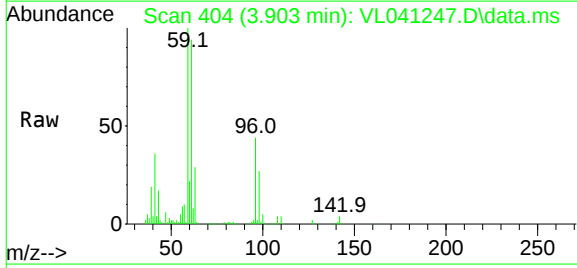
#17
tert-Butyl alcohol
Concen: 8.767 ppbv
RT: 3.903 min Scan# 404
Delta R.T. 0.006 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 915168
Ion Ratio Lower Upper
59 100
57 10.9 8.4 12.6

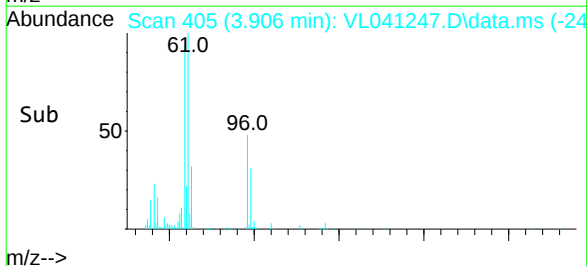
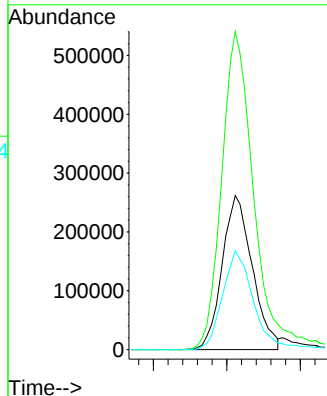
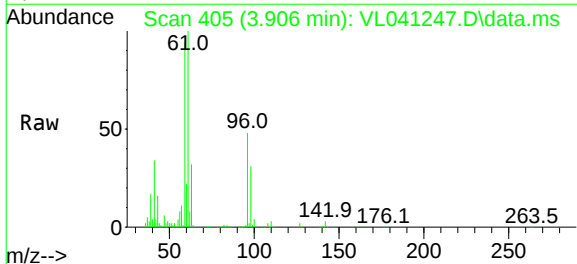
Manual Integrations
APPROVED

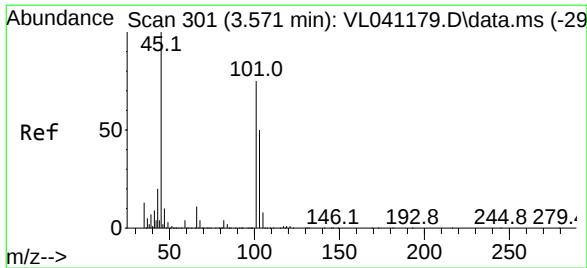
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#18
1,1-Dichloroethene
Concen: 10.035 ppbv
RT: 3.906 min Scan# 405
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Tgt Ion: 96 Resp: 372933
Ion Ratio Lower Upper
96 100
61 206.6 164.4 246.6
98 64.2 51.8 77.8





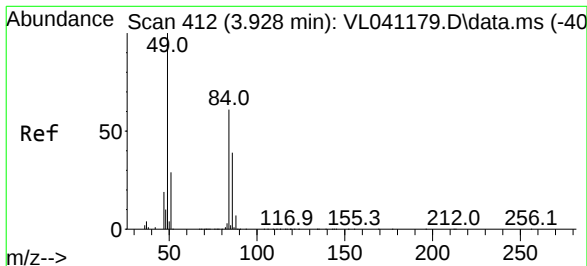
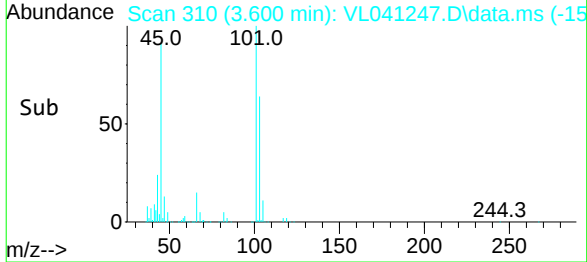
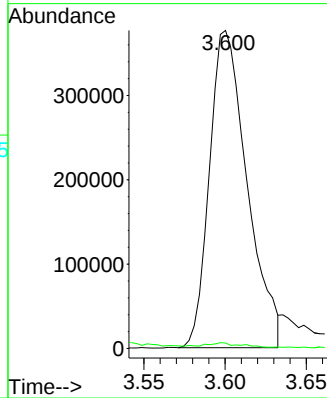
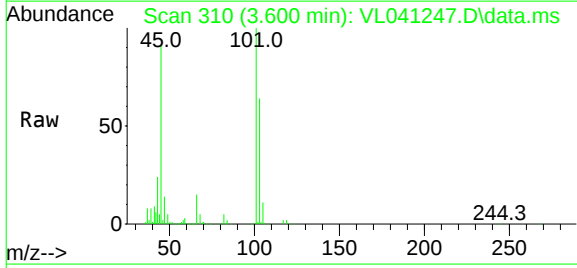
#19
Isopropyl Alcohol
Concen: 9.560 ppbv
RT: 3.600 min Scan# 311
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 606999
Ion Ratio Lower Upper
45 100
58 2.5 26.8 40.2#

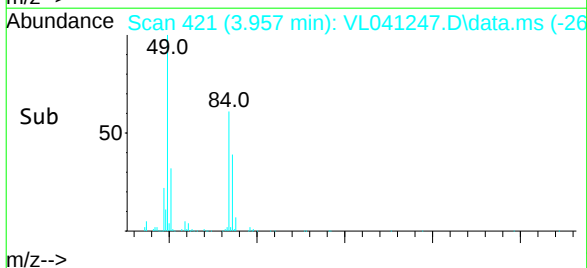
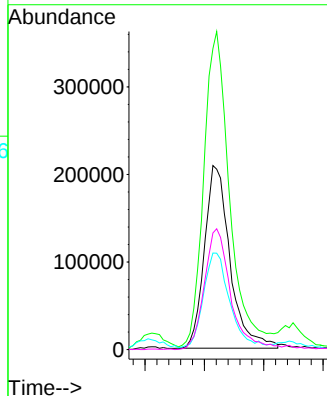
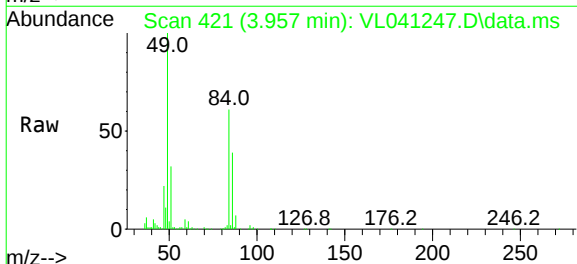
Manual Integrations
APPROVED

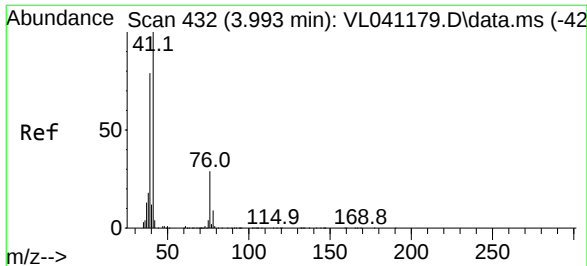
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#20
Methylene Chloride
Concen: 9.313 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.006 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

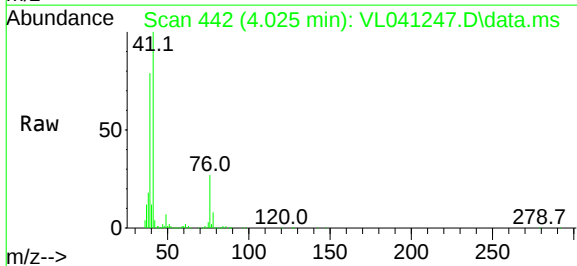
Tgt Ion: 84 Resp: 313368
Ion Ratio Lower Upper
84 100
49 163.3 130.4 195.6
51 51.8 38.0 57.0
86 63.7 50.3 75.5





#21
Allyl Chloride
Concen: 9.890 ppbv
RT: 4.025 min Scan# 441
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

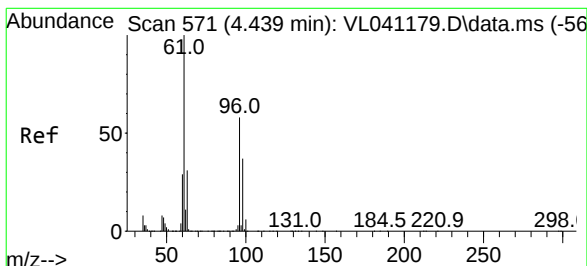
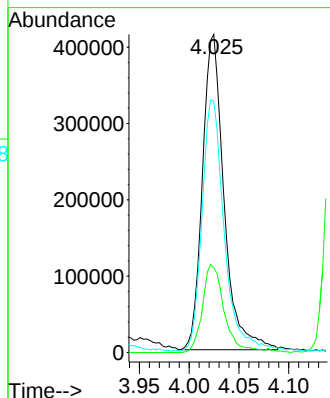
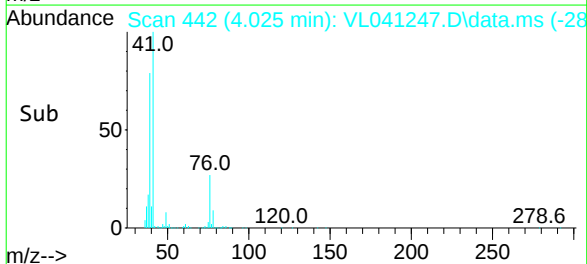
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 41 Resp: 624021
Ion Ratio Lower Upper
41 100
76 28.5 23.7 35.5
39 82.7 64.7 97.1

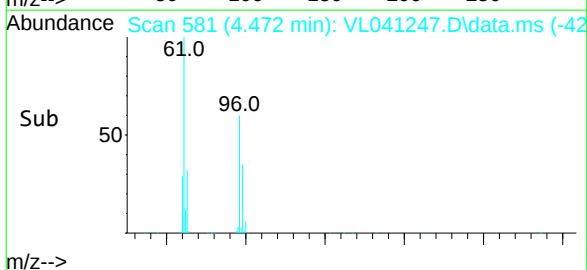
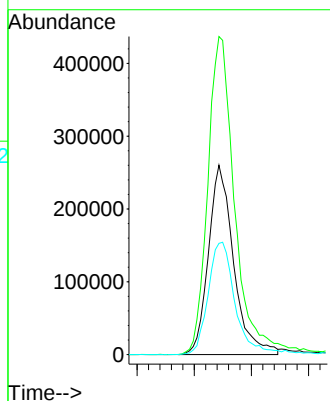
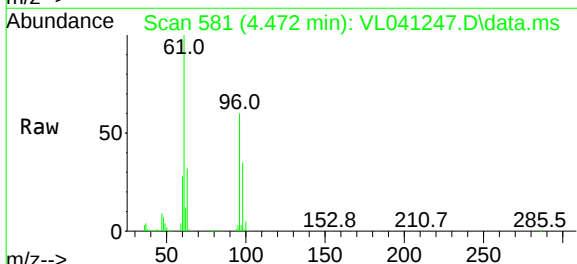
Manual Integrations
APPROVED

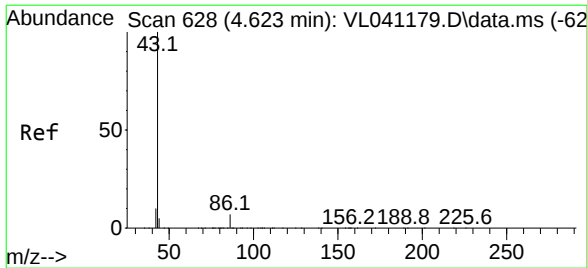
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#22
trans-1,2-Dichloroethene
Concen: 10.323 ppbv
RT: 4.472 min Scan# 581
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Tgt Ion: 96 Resp: 398995
Ion Ratio Lower Upper
96 100
61 167.8 137.6 206.4
98 58.6 50.6 76.0





#23
 Vinyl Acetate
 Concen: 9.812 ppbv
 RT: 4.655 min Scan# 63
 Delta R.T. 0.010 min
 Lab File: VL041247.D
 Acq: 8 May 2024 17:10

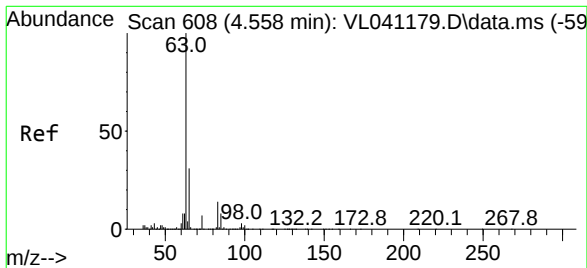
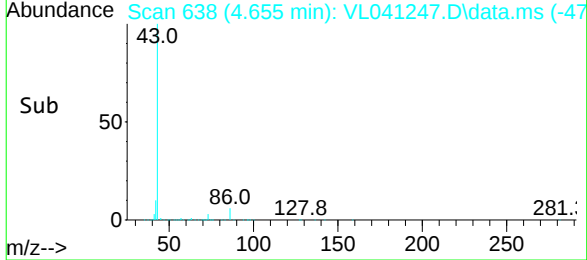
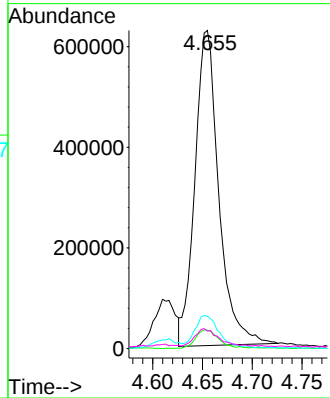
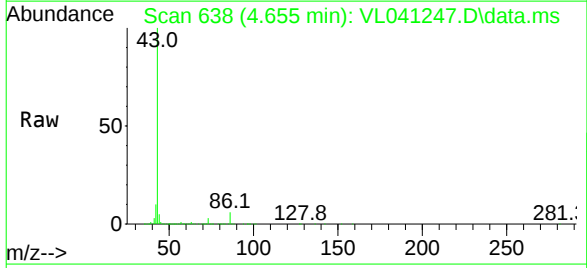
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 1045545

Ion	Ratio	Lower	Upper
43	100		
86	5.8	4.9	7.3
42	10.1	8.0	12.0
44	4.9	3.7	5.5

Manual Integrations
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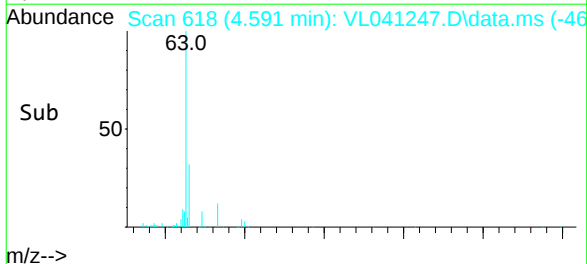
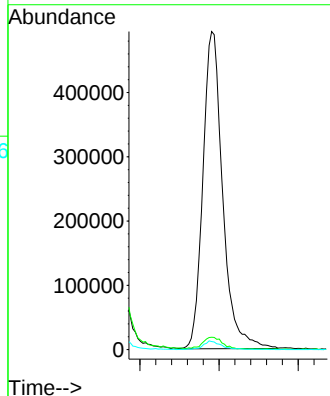
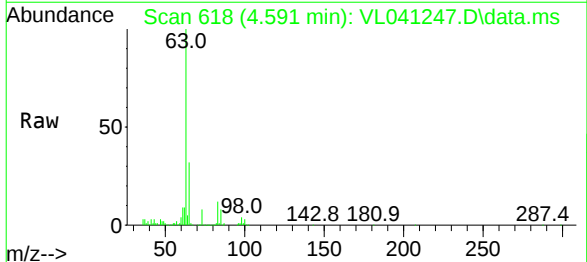
Reviewed By :Semsettin Yesilyurt 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024

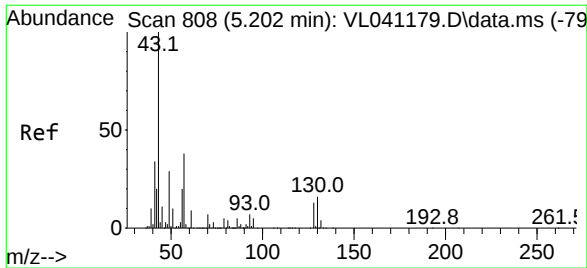


#24
 1,1-Dichloroethane
 Concen: 10.339 ppbv
 RT: 4.591 min Scan# 618
 Delta R.T. 0.006 min
 Lab File: VL041247.D
 Acq: 8 May 2024 17:10

Tgt Ion: 63 Resp: 856646

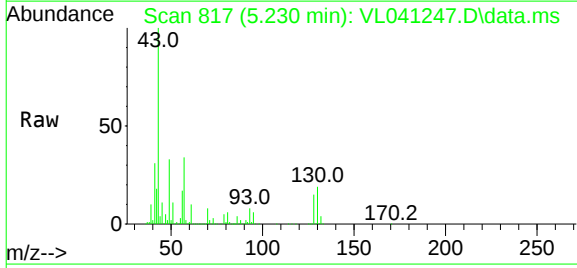
Ion	Ratio	Lower	Upper
63	100		
98	3.7	1.6	4.8
100	2.5	1.1	3.5





#25
Ethyl Acetate
Concen: 9.944 ppbv
RT: 5.230 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

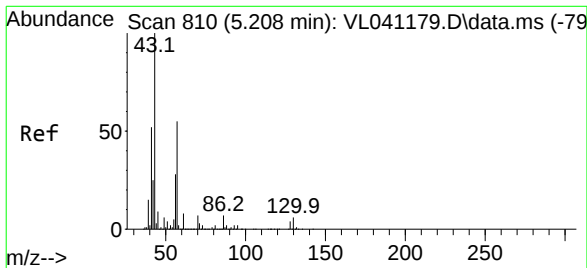
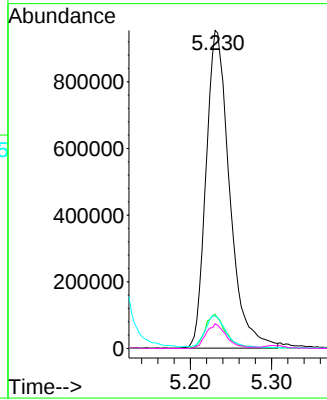
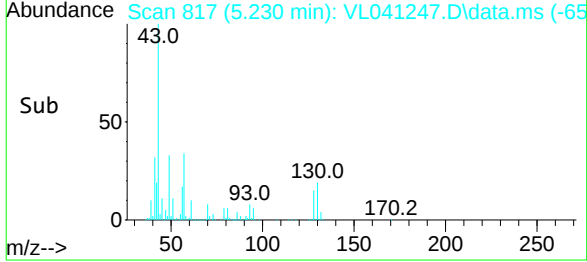
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



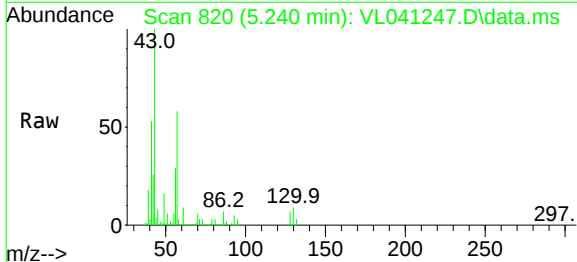
Tgt Ion: 43 Resp: 1920623
Ion Ratio Lower Upper
43 100
45 9.7 8.2 12.2
61 9.8 7.7 11.5
70 6.8 5.8 8.6

Manual Integrations
APPROVED

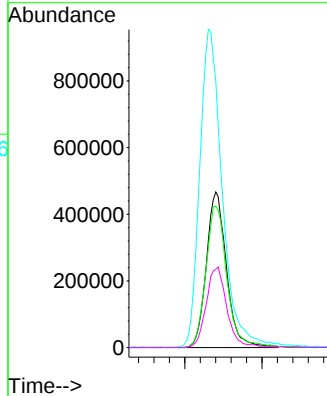
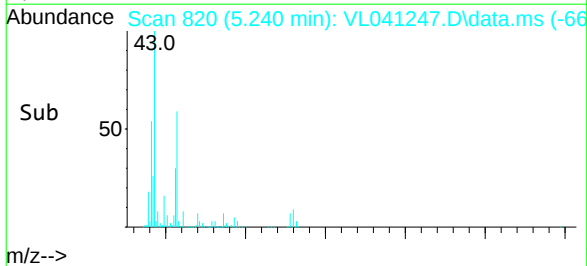
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

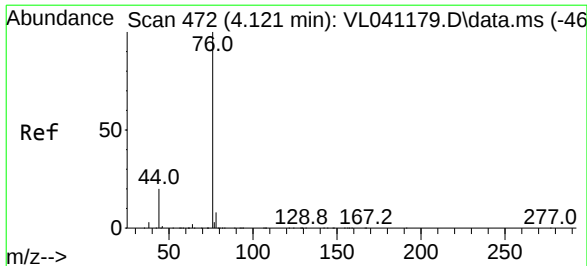


#26
Hexane
Concen: 9.828 ppbv
RT: 5.240 min Scan# 820
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10



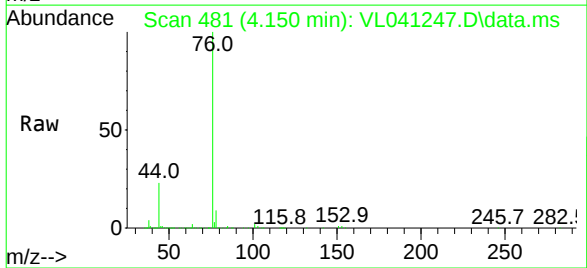
Tgt Ion: 57 Resp: 847125
Ion Ratio Lower Upper
57 100
41 95.7 75.8 113.8
43 229.9 187.0 280.4
56 53.5 42.7 64.1





#27
Carbon Disulfide
Concen: 10.001 ppbv
RT: 4.150 min Scan# 48
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

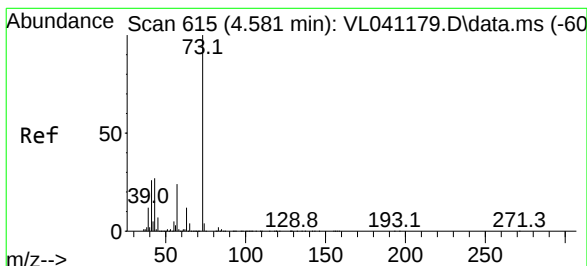
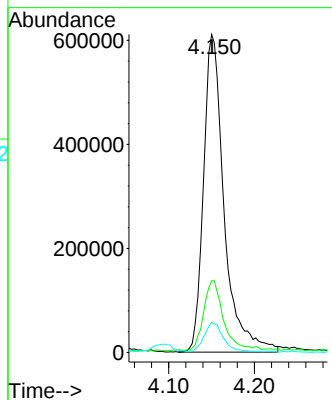
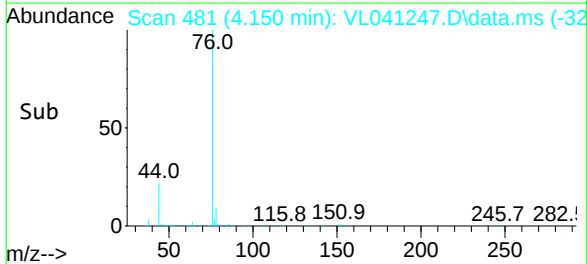
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



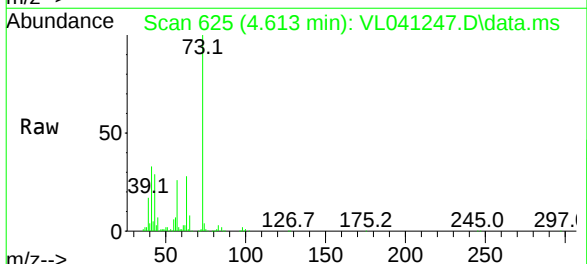
Tgt Ion: 76 Resp: 1020394
Ion Ratio Lower Upper
76 100
44 23.6 16.3 24.5
78 9.3 7.3 10.9

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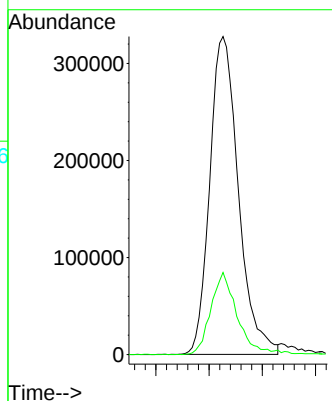
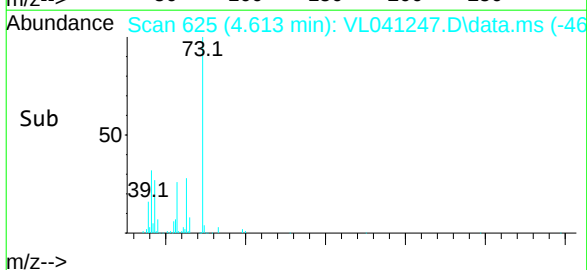
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

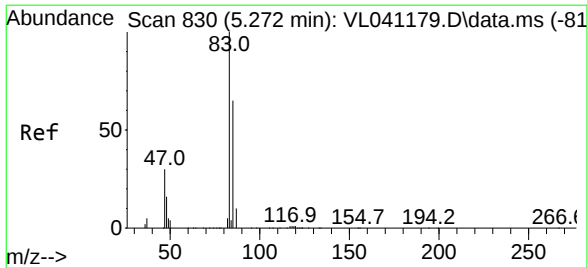


#28
Methyl tert-Butyl Ether
Concen: 8.925 ppbv
RT: 4.613 min Scan# 625
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10



Tgt Ion: 73 Resp: 612501
Ion Ratio Lower Upper
73 100
57 24.4 18.8 28.2





#29

Chloroform

Concen: 11.011 ppbv

RT: 5.304 min Scan# 84

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 1309287

Ion Ratio Lower Upper

83 100

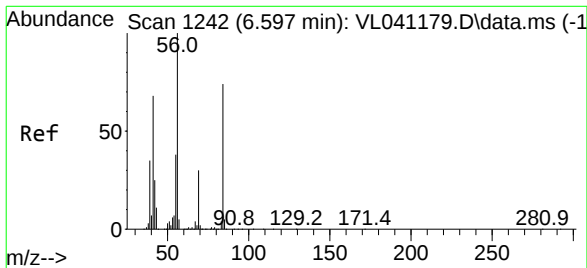
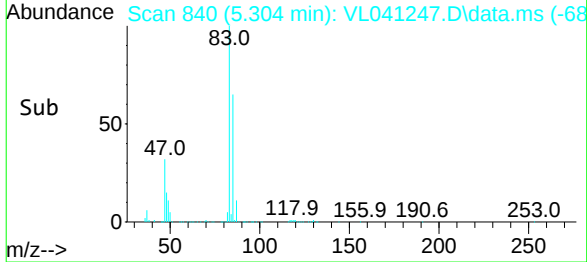
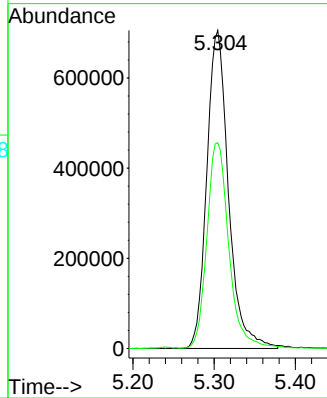
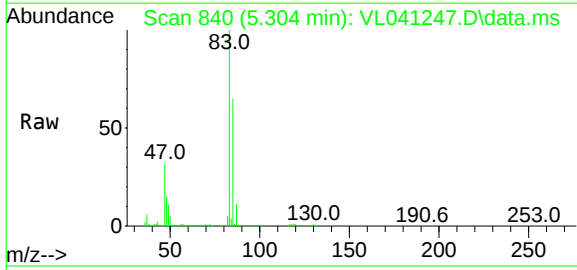
85 64.6 51.7 77.5

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Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#30

Cyclohexane

Concen: 10.341 ppbv

RT: 6.629 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

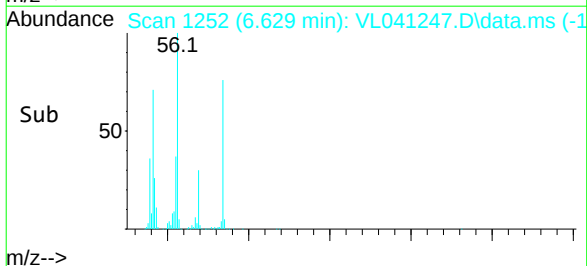
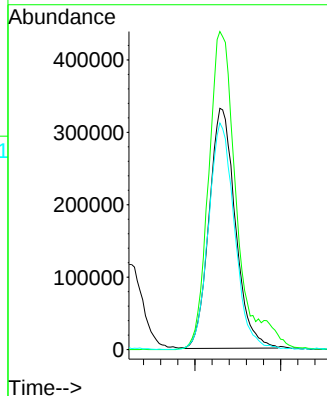
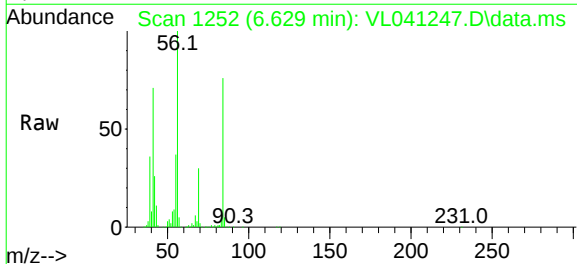
Tgt Ion: 84 Resp: 705573

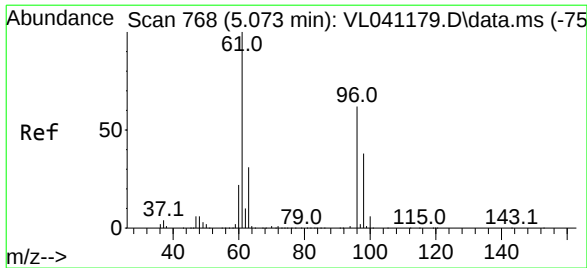
Ion Ratio Lower Upper

84 100

56 142.0 116.8 175.2

41 93.8 73.8 110.8





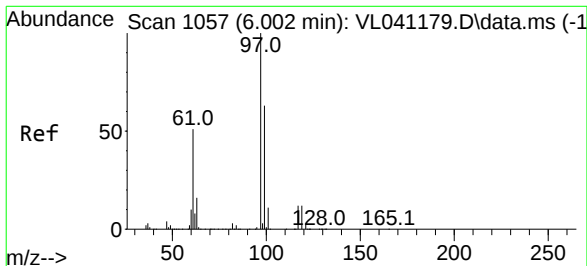
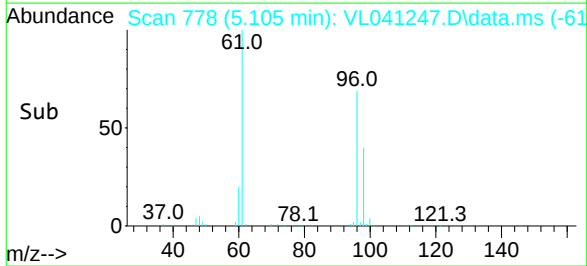
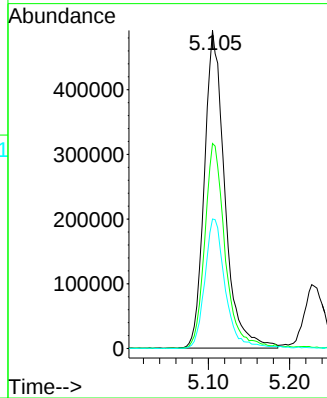
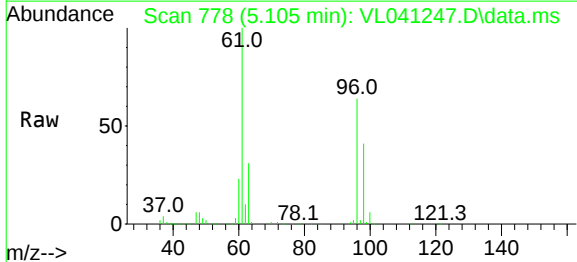
#31
cis-1,2-Dichloroethene
Concen: 10.639 ppbv
RT: 5.105 min Scan# 77
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 61 Resp: 858456
Ion Ratio Lower Upper
61 100
96 64.5 49.8 74.6
98 40.7 30.0 45.0

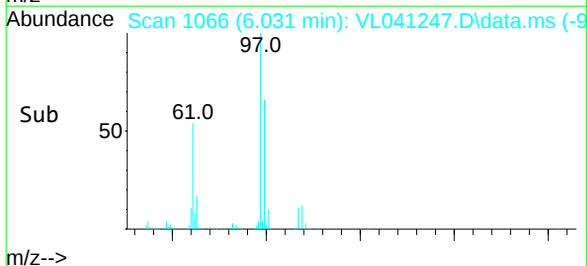
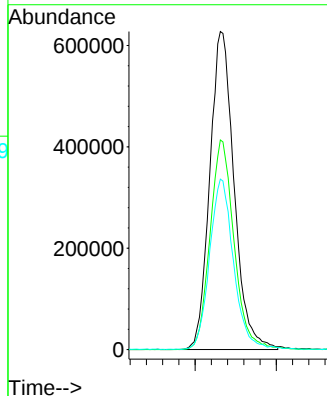
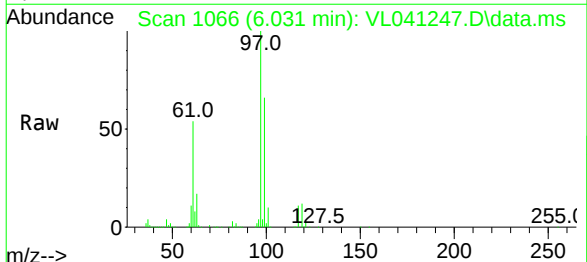
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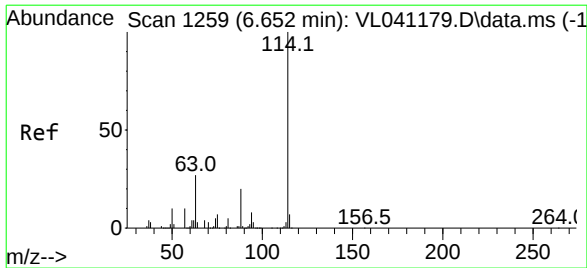
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#32
1,1,1-Trichloroethane
Concen: 10.985 ppbv
RT: 6.031 min Scan# 1066
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

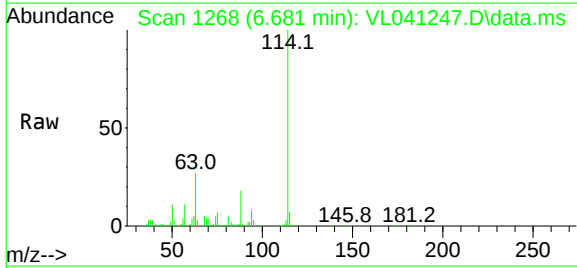
Tgt Ion: 97 Resp: 1303224
Ion Ratio Lower Upper
97 100
99 65.4 51.7 77.5
61 53.0 41.1 61.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.681 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

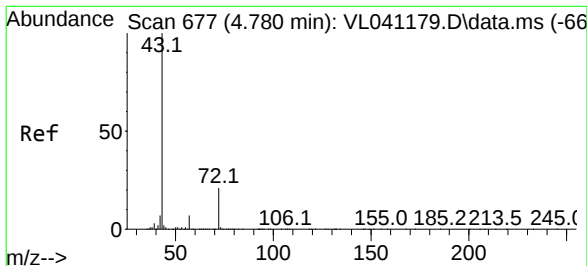
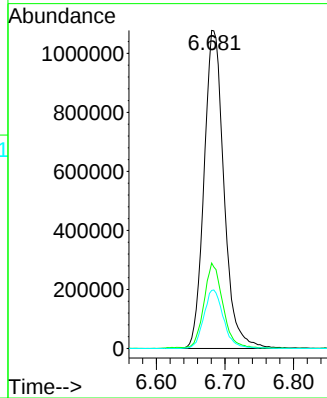
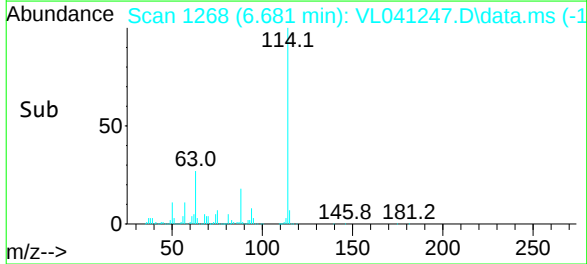
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:114 Resp: 2174681
Ion Ratio Lower Upper
114 100
63 26.1 21.8 32.6
88 18.3 15.2 22.8

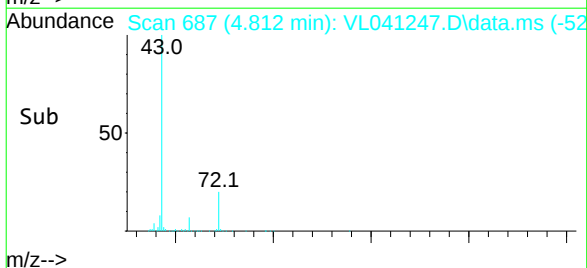
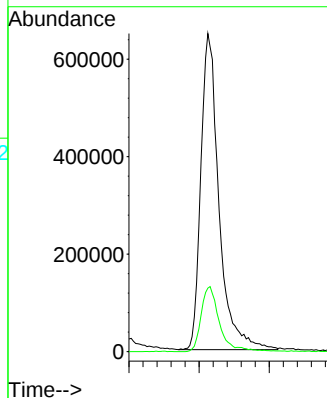
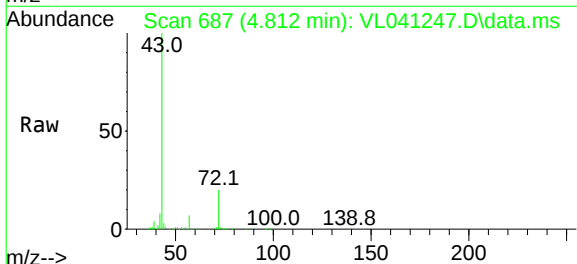
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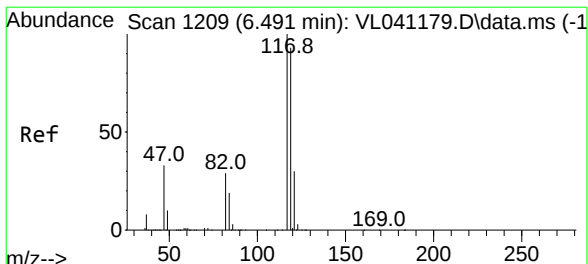
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#34
2-Butanone
Concen: 10.508 ppbv
RT: 4.812 min Scan# 687
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

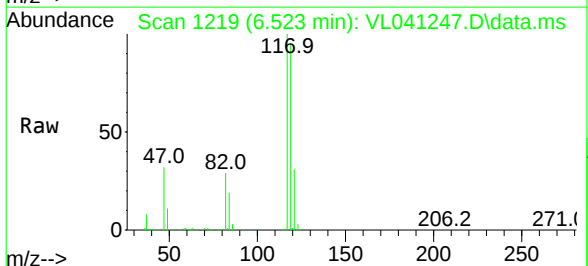
Tgt Ion: 43 Resp: 1163105
Ion Ratio Lower Upper
43 100
72 21.1 17.3 25.9





#35
Carbon Tetrachloride
Concen: 11.010 ppbv
RT: 6.523 min Scan# 1219
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

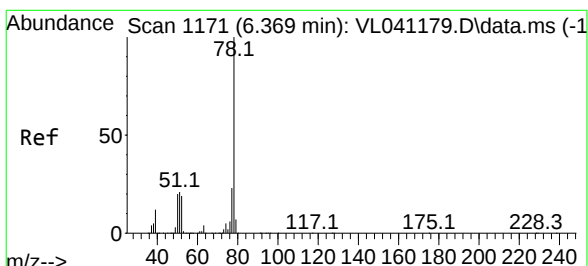
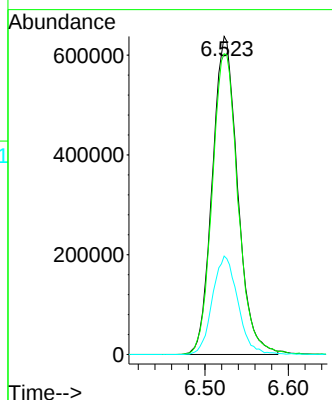
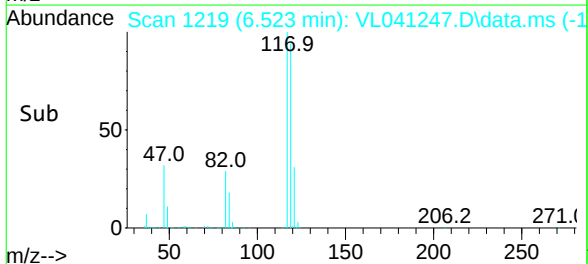


Tgt Ion: 117 Resp: 1343744

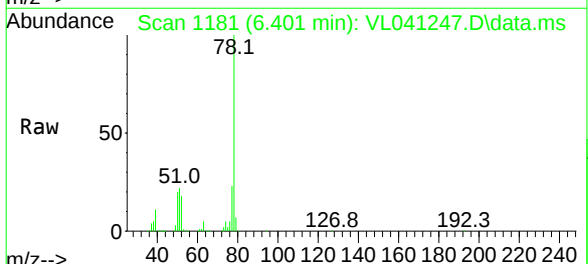
Ion	Ratio	Lower	Upper
117	100		
119	94.5	74.3	111.5
121	30.9	23.8	35.8

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Reviewed By : Semsettin Yesilyurt 05/09/2024
Supervised By : Mahesh Dadoda 05/09/2024

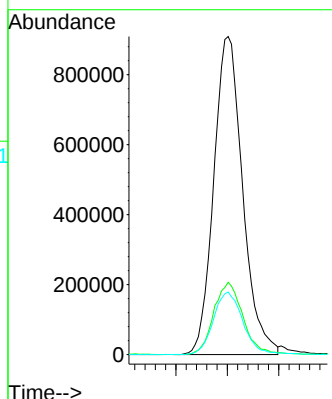
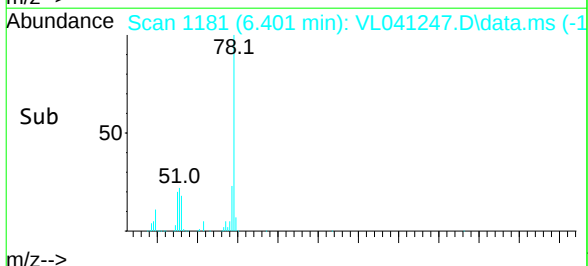


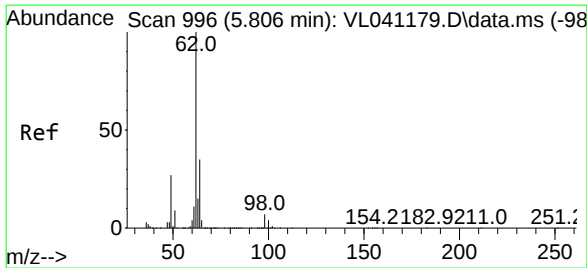
#36
Benzene
Concen: 9.722 ppbv
RT: 6.401 min Scan# 1181
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10



Tgt Ion: 78 Resp: 1774222

Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.3	27.5
50	19.6	15.9	23.9





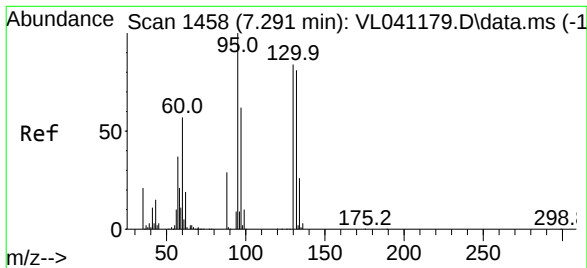
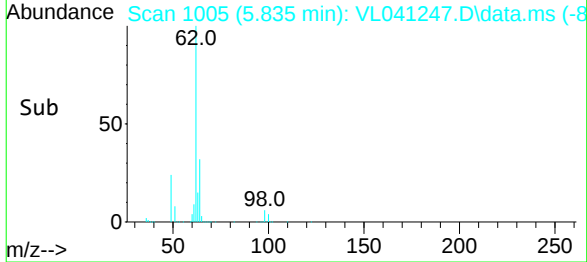
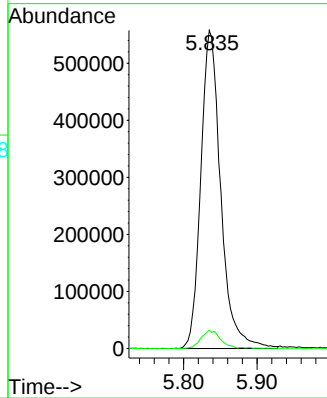
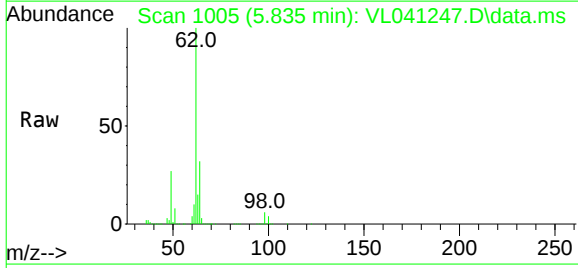
#37
1,2-Dichloroethane
Concen: 11.021 ppbv
RT: 5.835 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 1049363
Ion Ratio Lower Upper
62 100
98 5.8 5.0 7.4

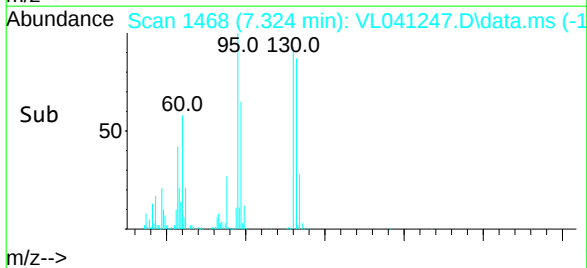
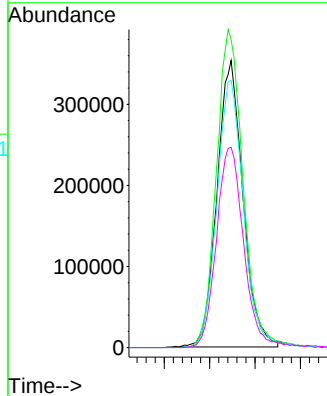
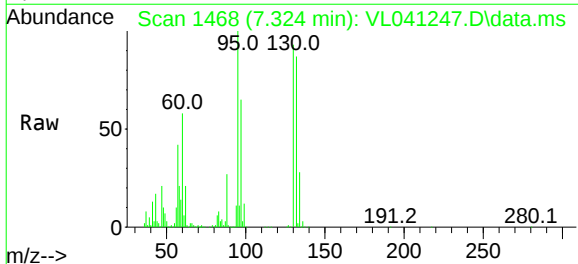
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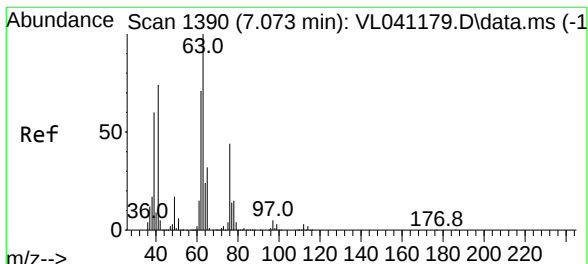
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#38
Trichloroethene
Concen: 10.284 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.013 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

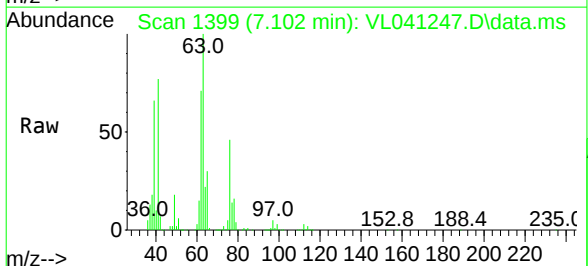
Tgt Ion:130 Resp: 699370
Ion Ratio Lower Upper
130 100
95 107.5 95.0 142.6
132 93.3 77.0 115.4
97 69.9 59.1 88.7





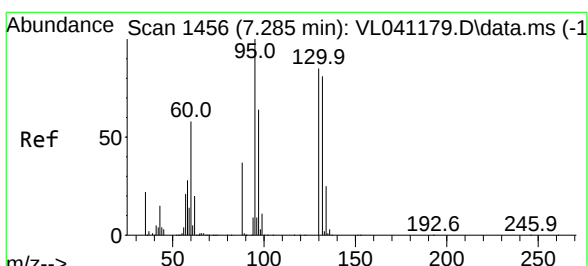
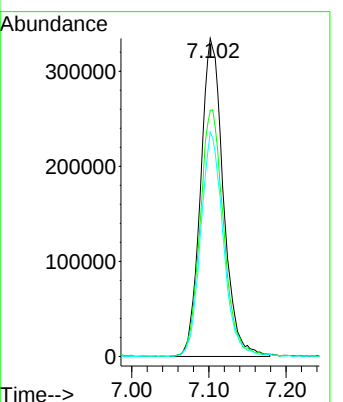
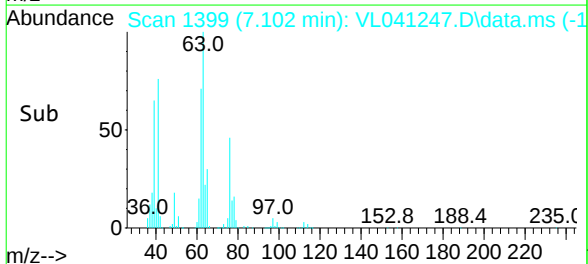
#39
 1,2-Dichloropropane
 Concen: 9.740 ppbv
 RT: 7.102 min Scan# 1390
 Delta R.T. 0.010 min
 Lab File: VL041247.D
 Acq: 8 May 2024 17:10

Instrument : MSVOA_L
 ClientSampleId : VSTDCCC010EC

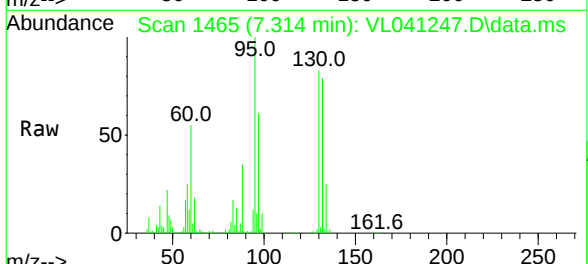


Tgt Ion	Ratio	Lower	Upper
63	100		
41	77.2	59.4	89.0
62	70.4	56.8	85.2

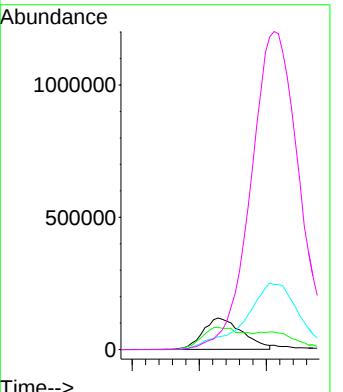
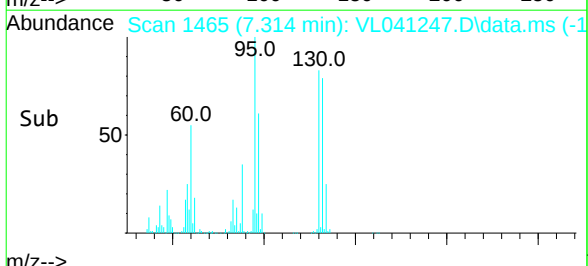
Manual Integrations
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 Reviewed By :Semsettin Yesilyurt 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024

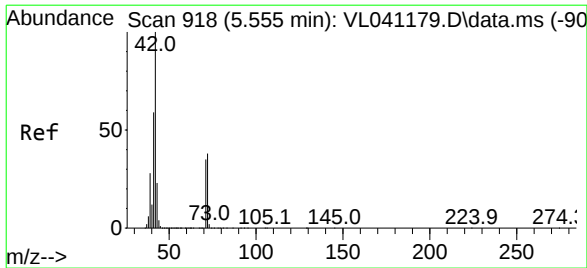


#40
 1,4-Dioxane
 Concen: 9.575 ppbv
 RT: 7.314 min Scan# 1465
 Delta R.T. 0.013 min
 Lab File: VL041247.D
 Acq: 8 May 2024 17:10



Tgt Ion	Ratio	Lower	Upper
88	100		
58	138.4	106.1	159.1
43	0.0	219.8	329.6#
57	0.0	936.0	1404.0#





#41

Tetrahydrofuran

Concen: 9.374 ppbv

RT: 5.584 min Scan# 92

Delta R.T. 0.006 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 42 Resp: 751105

Ion Ratio Lower Upper

42 100

72 36.6 29.4 44.0

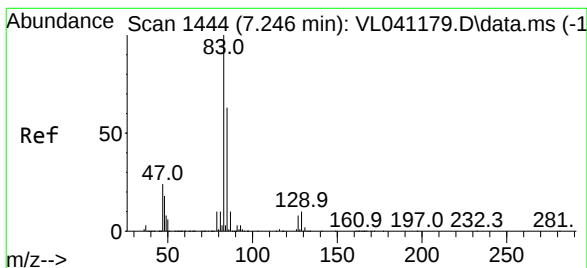
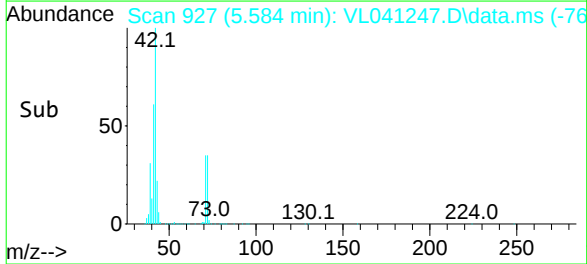
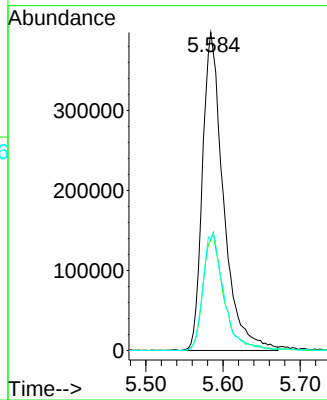
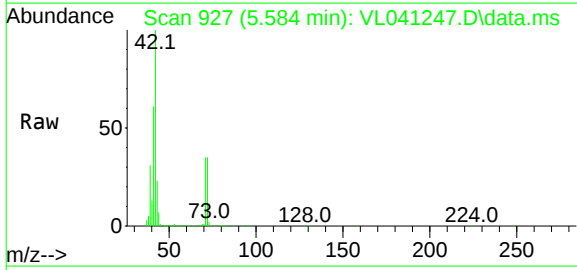
71 37.2 29.1 43.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#42

Bromodichloromethane

Concen: 10.798 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.013 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

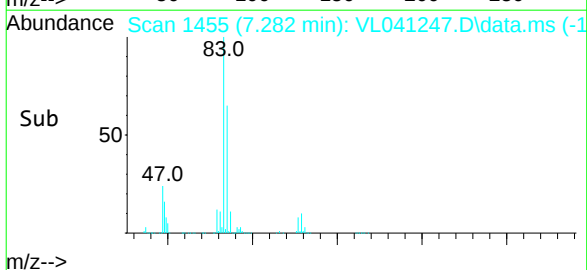
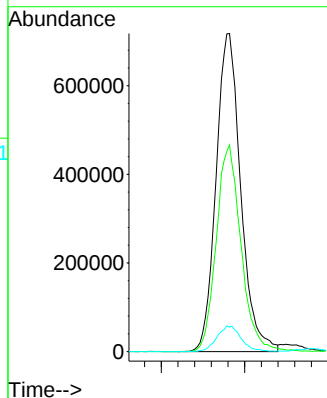
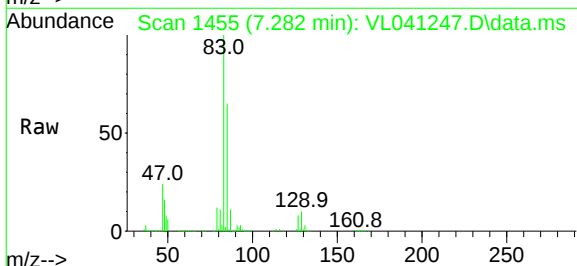
Tgt Ion: 83 Resp: 1474595

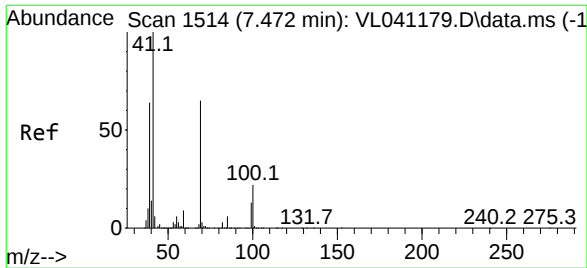
Ion Ratio Lower Upper

83 100

85 65.0 50.6 75.8

127 7.7 6.2 9.4





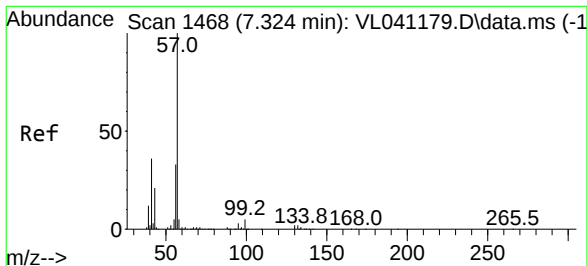
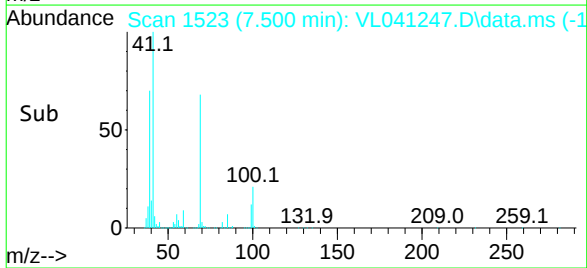
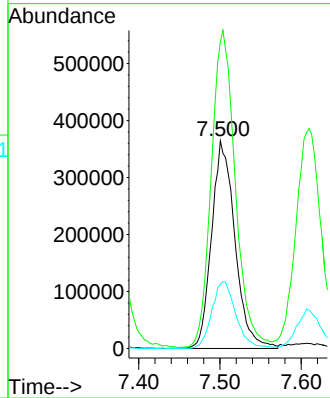
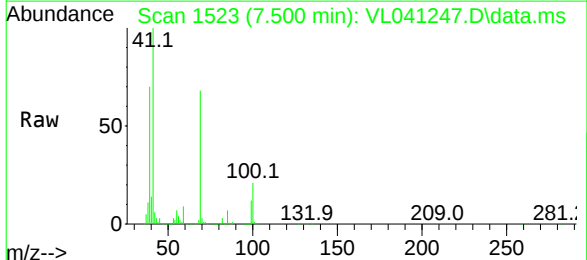
#43
Methyl Methacrylate
Concen: 9.870 ppbv
RT: 7.500 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 728503
Ion Ratio Lower Upper
69 100
41 157.1 125.2 187.8
100 33.4 26.7 40.1

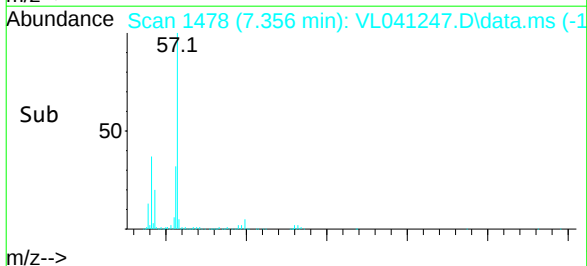
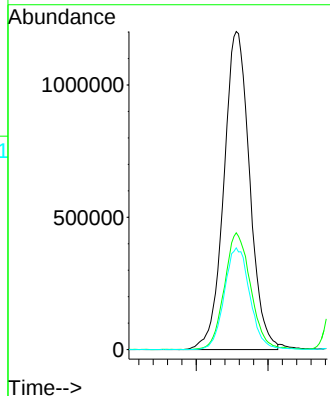
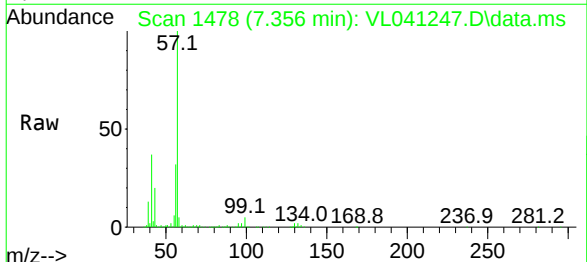
Manual Integrations
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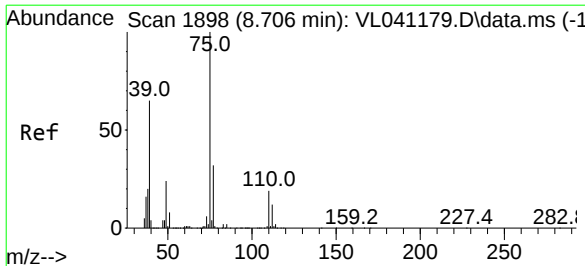
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#44
2,2,4-Trimethylpentane
Concen: 9.539 ppbv
RT: 7.356 min Scan# 1478
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Tgt Ion: 57 Resp: 3001620
Ion Ratio Lower Upper
57 100
41 37.2 29.5 44.3
56 31.8 25.3 37.9





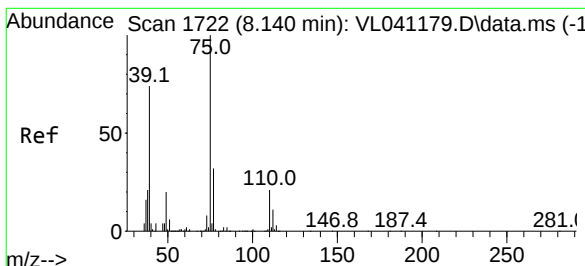
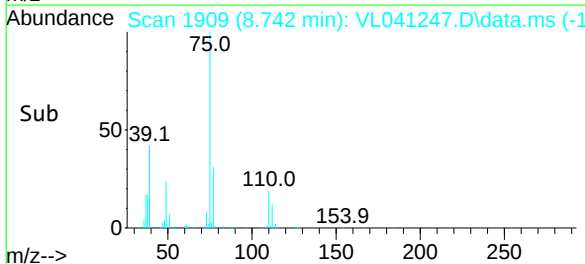
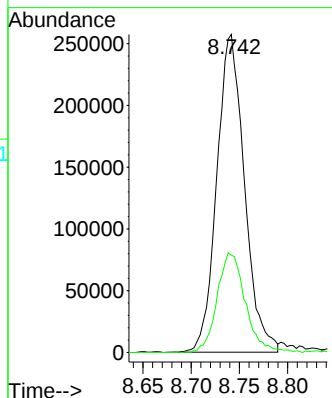
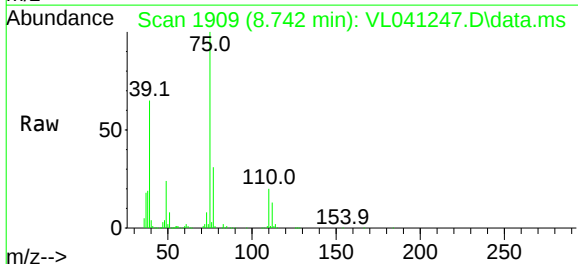
#45
t-1,3-Dichloropropene
Concen: 9.594 ppbv
RT: 8.742 min Scan# 19
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 513131
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4

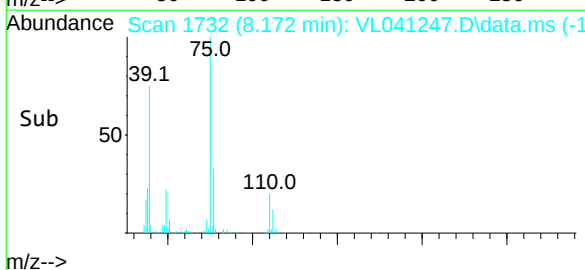
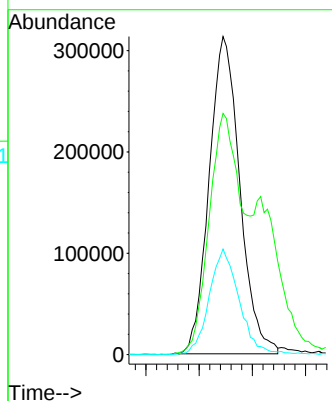
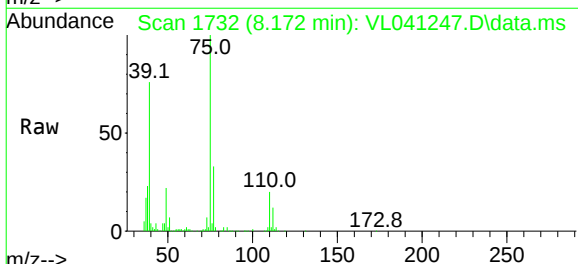
Manual Integrations
APPROVED

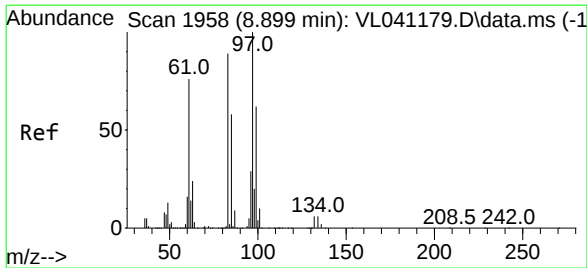
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#46
cis-1,3-Dichloropropene
Concen: 9.570 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Tgt Ion: 75 Resp: 626662
Ion Ratio Lower Upper
75 100
39 75.3 59.4 89.2
77 33.1 25.9 38.9





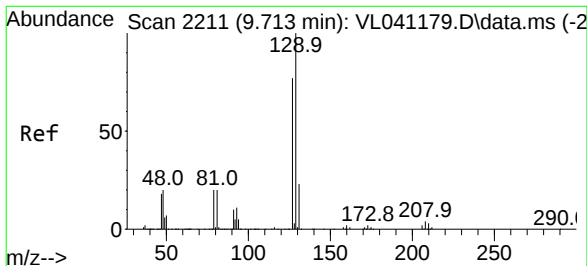
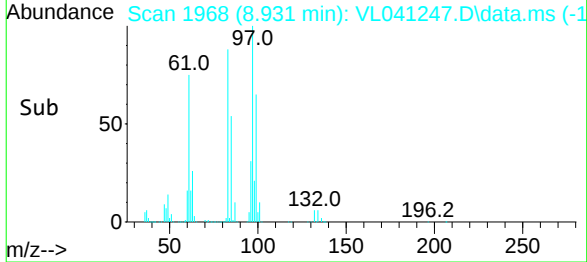
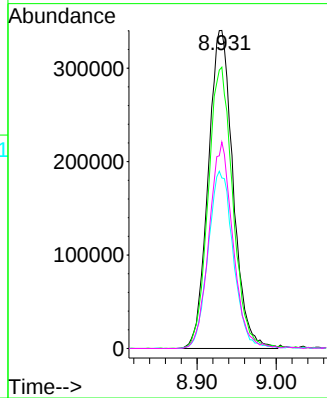
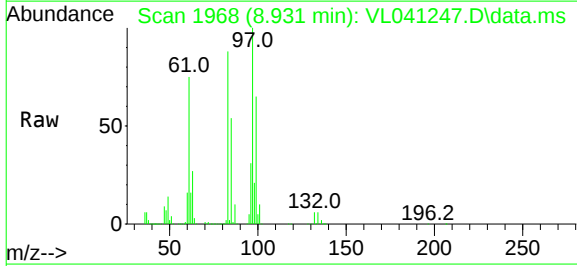
#47
1,1,2-Trichloroethane
Concen: 10.559 ppbv
RT: 8.931 min Scan# 1958
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:	97	Resp:	743320
Ion	Ratio	Lower	Upper
97	100		
83	88.4	71.2	106.8
85	53.6	46.0	69.0
99	64.8	49.7	74.5

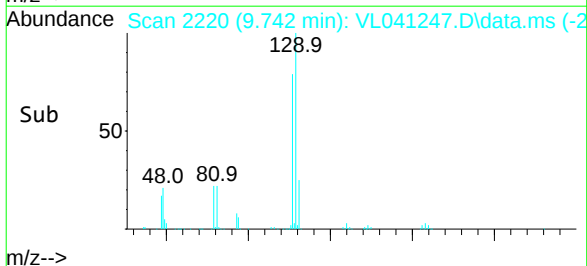
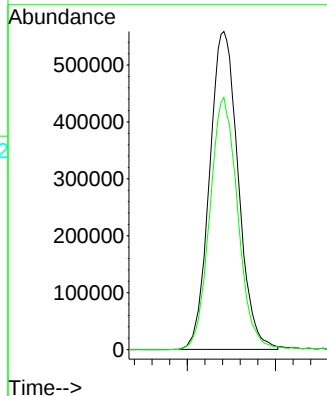
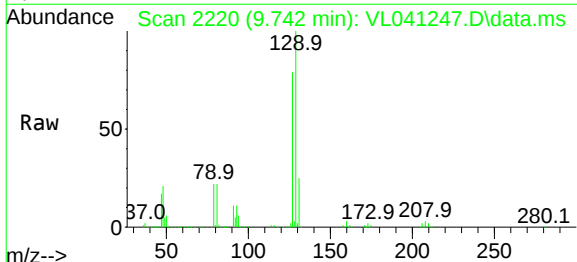
Manual Integrations
APPROVED

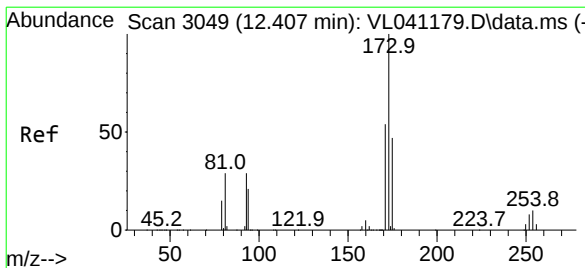
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#48
Dibromochloromethane
Concen: 11.247 ppbv
RT: 9.742 min Scan# 2220
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Tgt Ion:	129	Resp:	1261490
Ion	Ratio	Lower	Upper
129	100		
127	77.6	39.1	117.5





#49

Bromoform

Concen: 10.990 ppbv

RT: 12.439 min Scan# 3049

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 173 Resp: 1048601

Ion Ratio Lower Upper

173 100

175 49.9 39.8 59.8

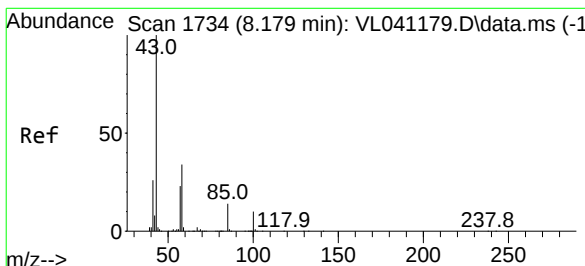
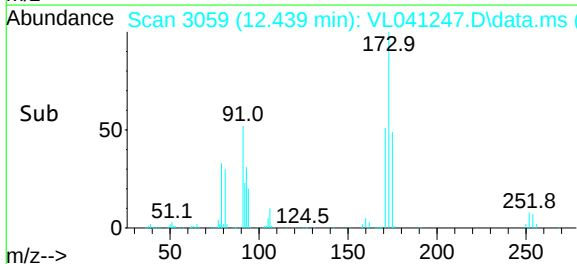
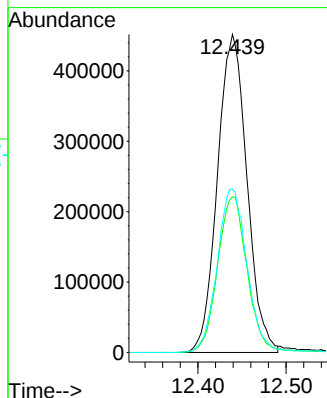
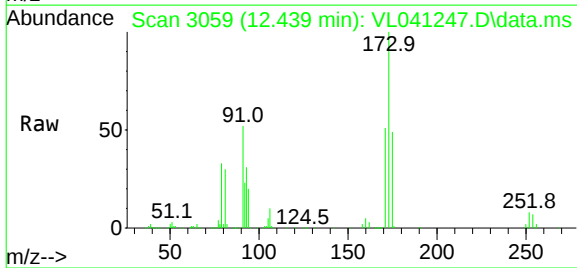
171 52.5 41.8 62.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#50

4-Methyl-2-Pentanone

Concen: 9.423 ppbv

RT: 8.208 min Scan# 1743

Delta R.T. 0.006 min

Lab File: VL041247.D

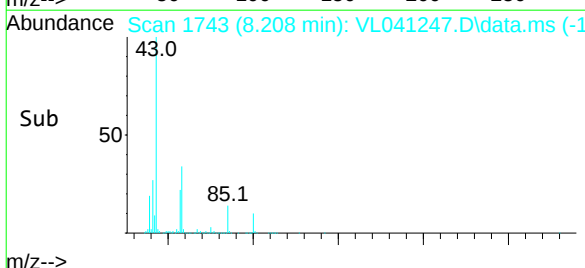
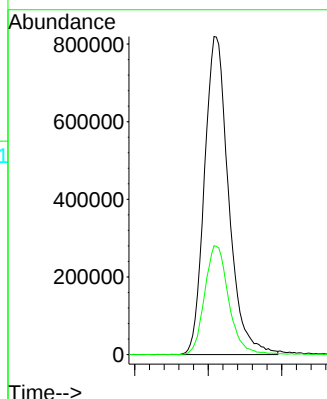
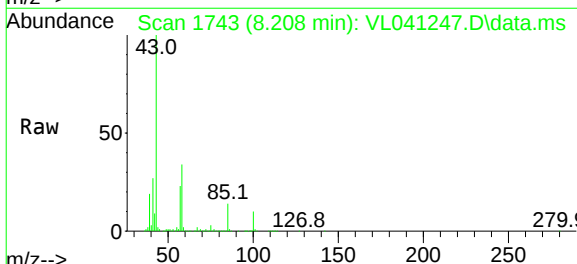
Acq: 8 May 2024 17:10

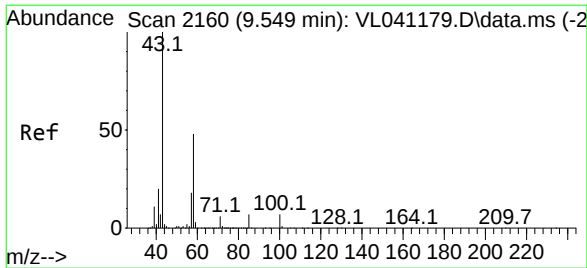
Tgt Ion: 43 Resp: 1871686

Ion Ratio Lower Upper

43 100

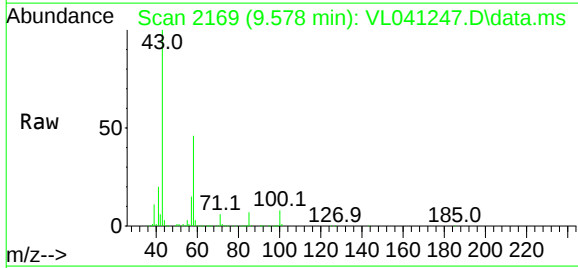
58 34.2 27.7 41.5





#51
2-Hexanone
Concen: 9.283 ppbv
RT: 9.578 min Scan# 2160
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

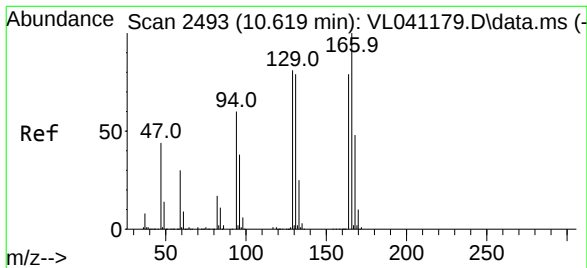
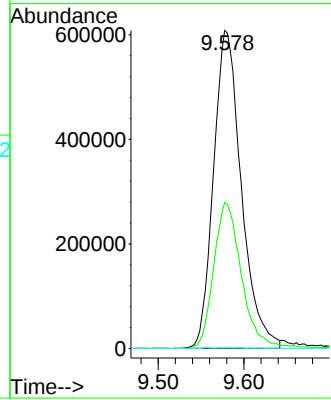
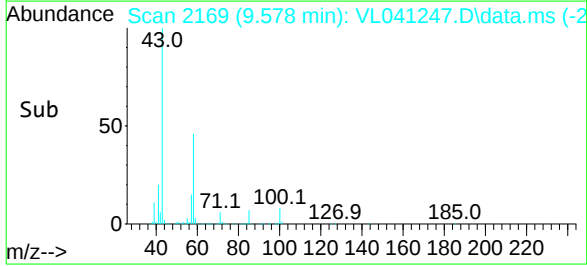
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 1367712
Ion Ratio Lower Upper
43 100
58 46.3 38.4 57.6
98 0.3 0.0 0.0

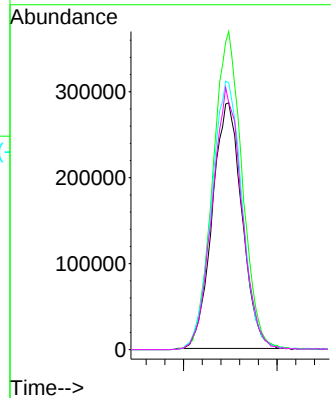
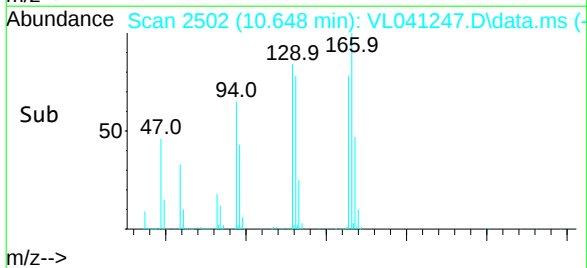
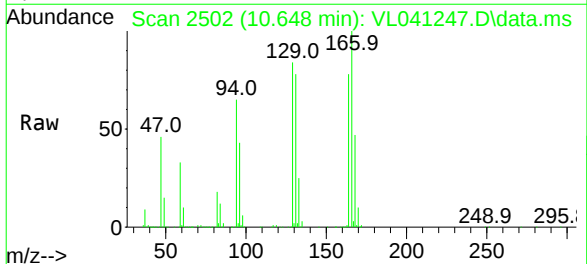
Manual Integrations
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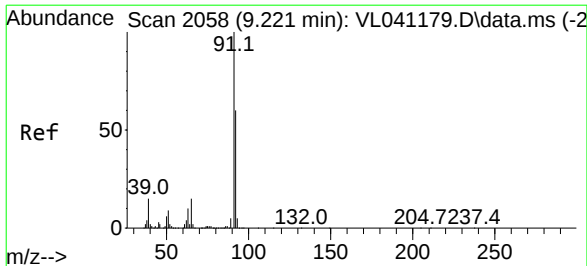
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#52
Tetrachloroethene
Concen: 9.800 ppbv
RT: 10.648 min Scan# 2502
Delta R.T. 0.013 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Tgt Ion:164 Resp: 628606
Ion Ratio Lower Upper
164 100
166 129.2 101.1 151.7
129 108.2 81.7 122.5
131 100.2 80.4 120.6





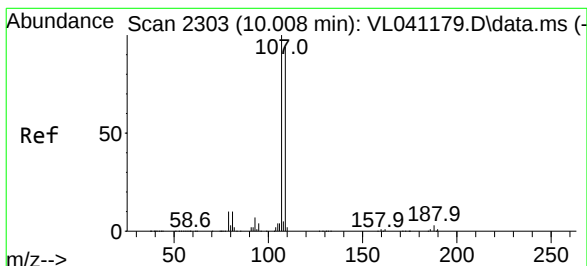
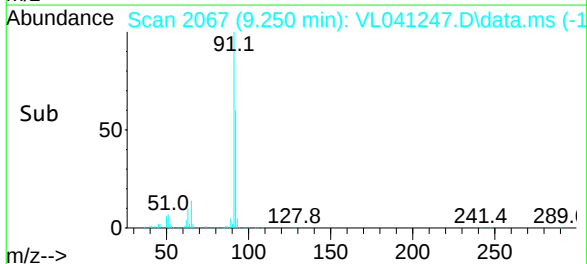
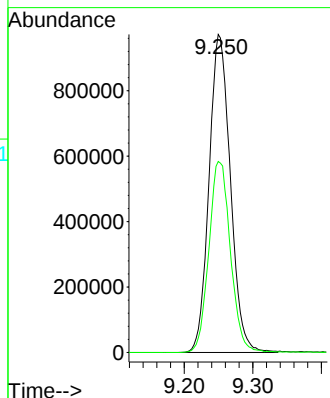
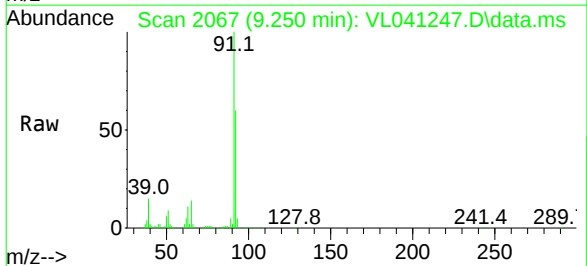
#53
Toluene
Concen: 9.925 ppbv
RT: 9.250 min Scan# 2058
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2100305
Ion Ratio Lower Upper
91 100
92 60.8 48.2 72.4

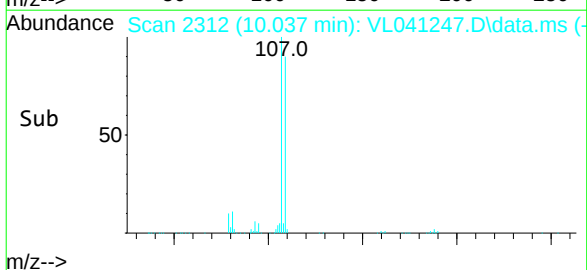
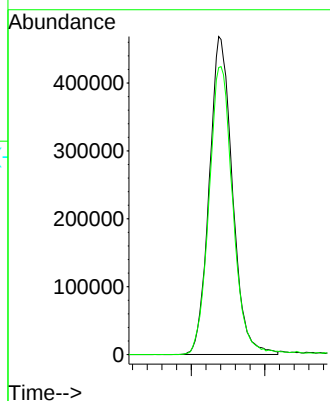
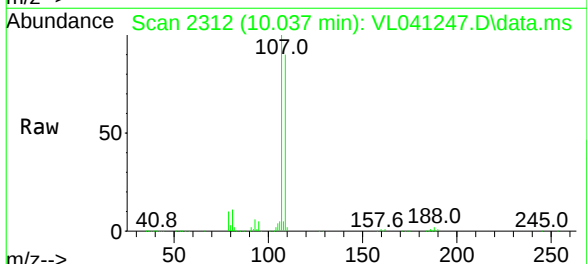
Manual Integrations
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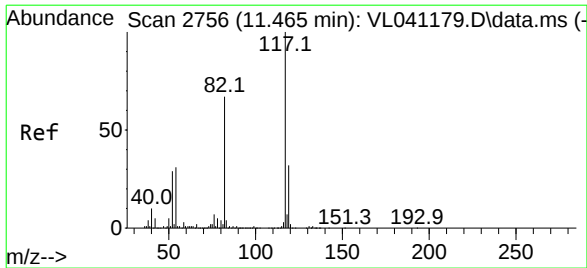
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#54
1,2-Dibromoethane
Concen: 10.740 ppbv
RT: 10.037 min Scan# 2312
Delta R.T. 0.006 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Tgt Ion:107 Resp: 1024055
Ion Ratio Lower Upper
107 100
109 90.3 75.2 112.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.497 min Scan# 2756

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:117 Resp: 2118976

Ion Ratio Lower Upper

117 100

82 64.4 53.6 80.4

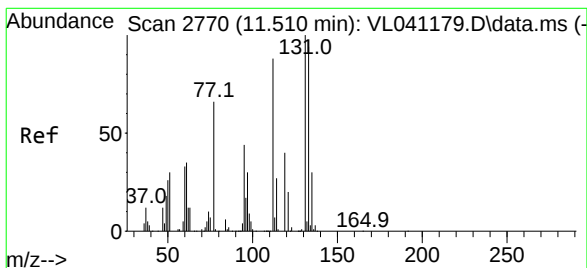
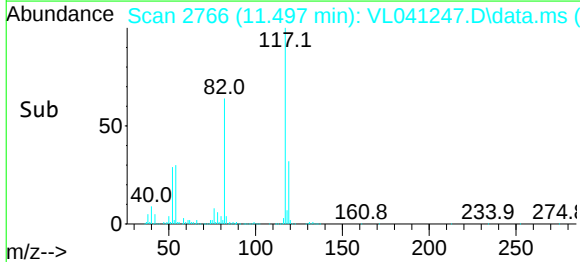
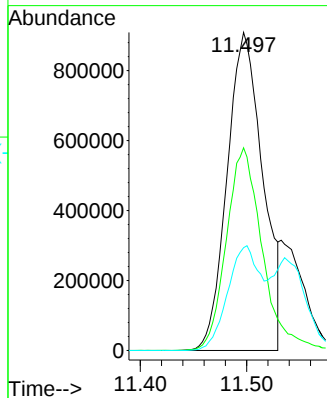
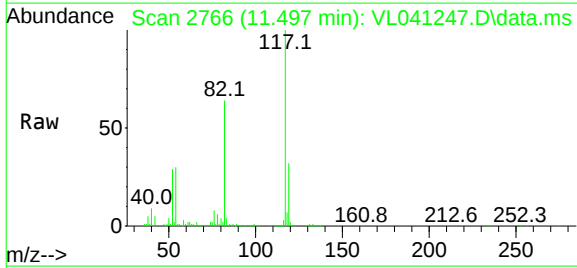
119 31.3 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 10.688 ppbv

RT: 11.539 min Scan# 2779

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

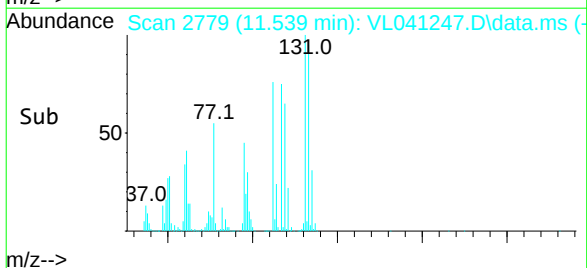
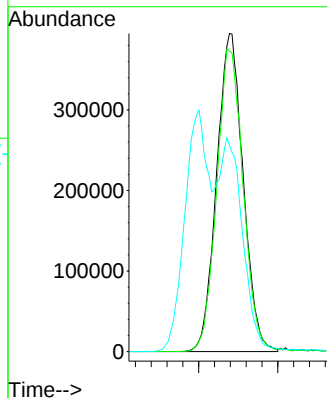
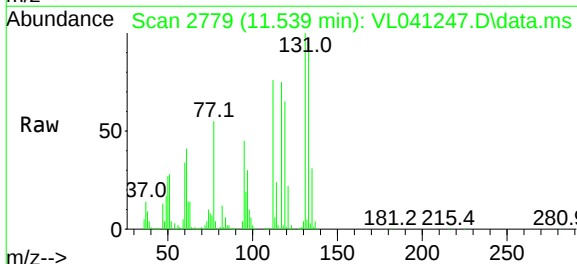
Tgt Ion:131 Resp: 918361

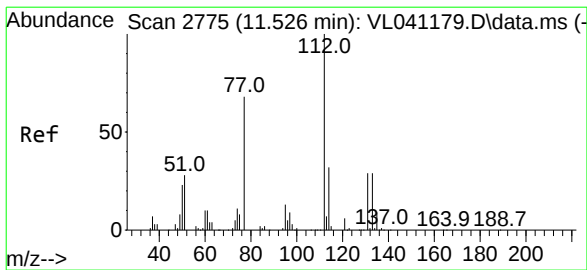
Ion Ratio Lower Upper

131 100

133 95.1 76.3 114.5

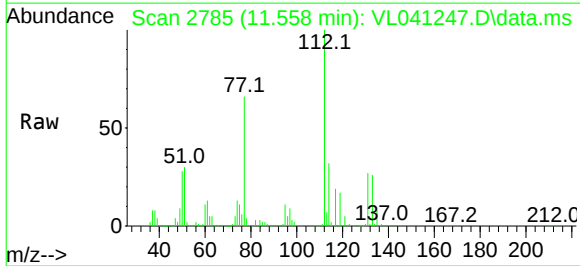
119 62.2 49.4 74.2





#57
Chlorobenzene
Concen: 10.235 ppbv
RT: 11.558 min Scan# 2775
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

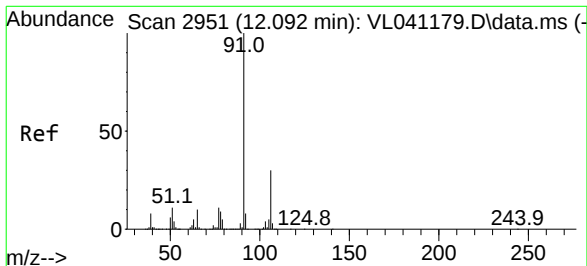
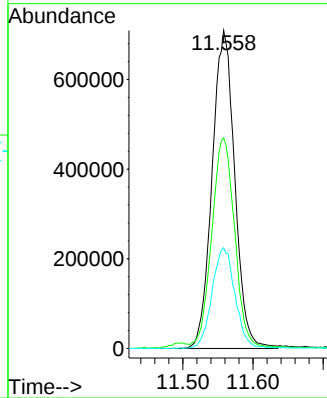
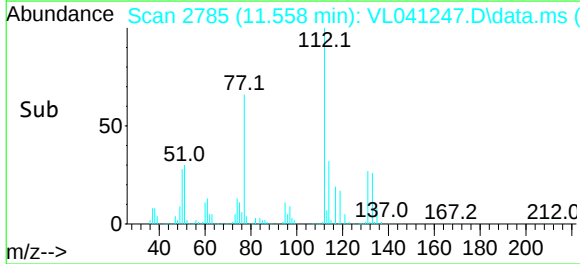
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 1588281
Ion Ratio Lower Upper
112 100
77 65.7 54.9 82.3
114 31.6 28.7 35.1

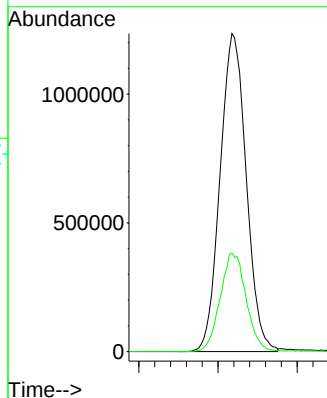
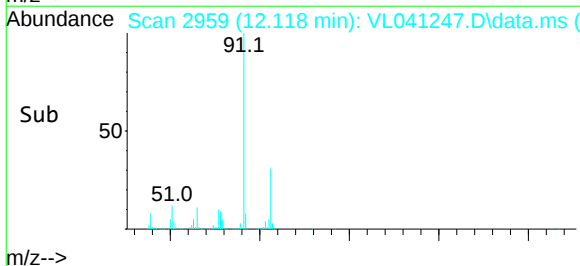
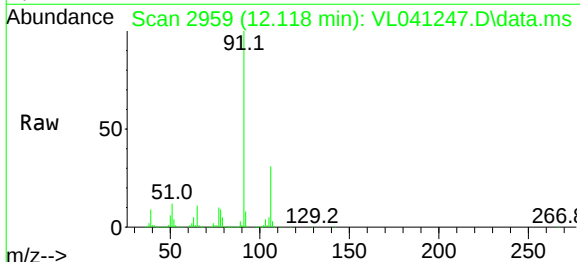
Manual Integrations
APPROVED

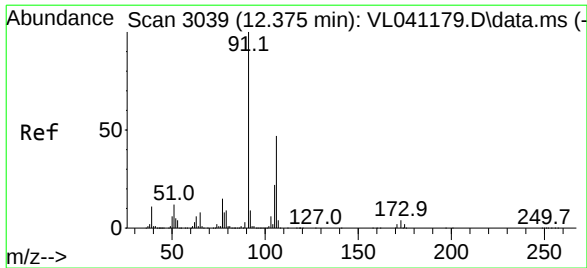
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#58
Ethyl Benzene
Concen: 9.739 ppbv
RT: 12.118 min Scan# 2959
Delta R.T. 0.006 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

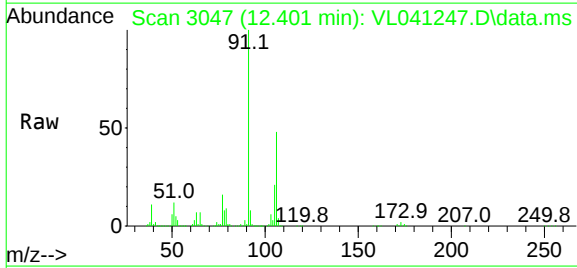
Tgt Ion: 91 Resp: 2829747
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5





#59
m/p-Xylene
Concen: 19.758 ppbv m
RT: 12.401 min Scan# 3039
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

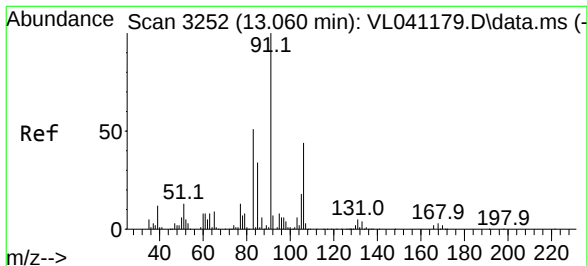
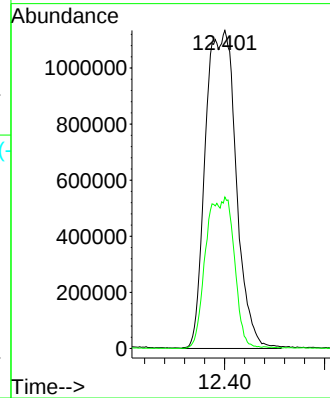
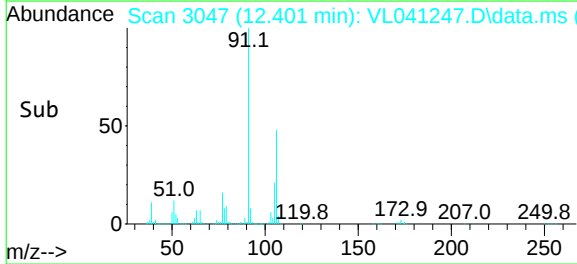
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



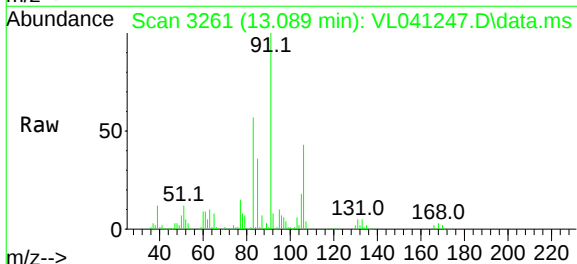
Tgt Ion: 91 Resp: 4824821
Ion Ratio Lower Upper
91 100
106 44.3 35.7 53.5

Manual Integrations
APPROVED

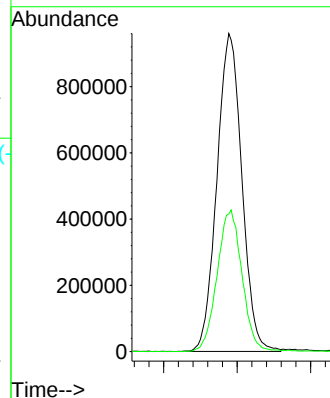
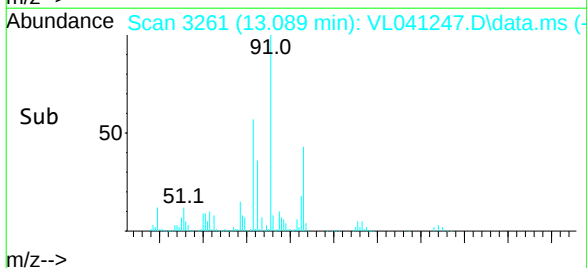
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

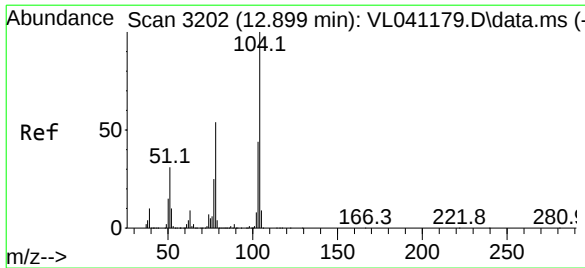


#60
o-Xylene
Concen: 9.891 ppbv
RT: 13.089 min Scan# 3261
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10



Tgt Ion: 91 Resp: 2264019
Ion Ratio Lower Upper
91 100
106 44.9 22.4 67.3





#61

Styrene

Concen: 10.155 ppbv

RT: 12.928 min Scan# 3211

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 1227983

Ion Ratio Lower Upper

104 100

78 51.7 42.6 63.8

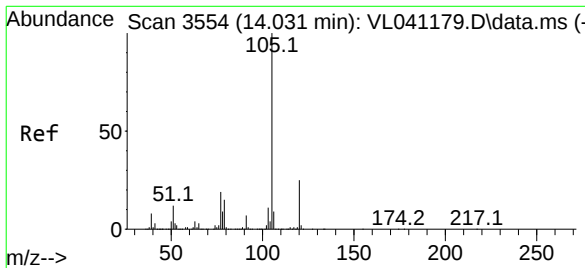
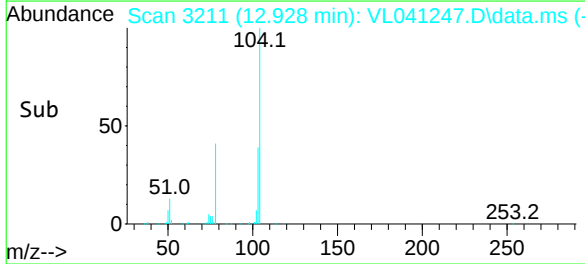
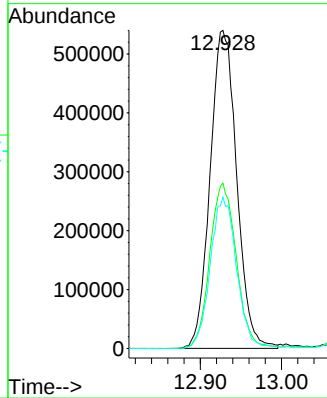
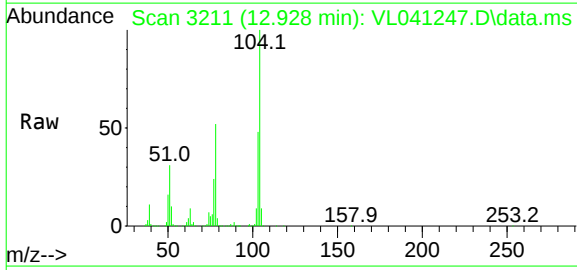
103 47.3 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#62

Isopropylbenzene

Concen: 9.929 ppbv

RT: 14.060 min Scan# 3563

Delta R.T. 0.010 min

Lab File: VL041247.D

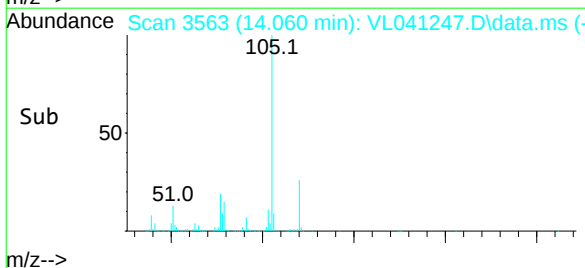
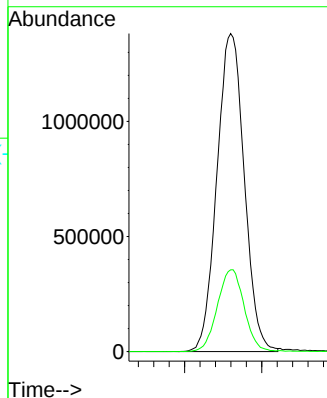
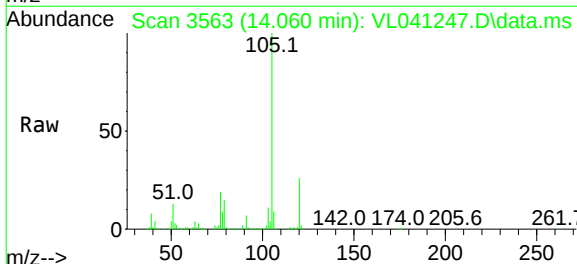
Acq: 8 May 2024 17:10

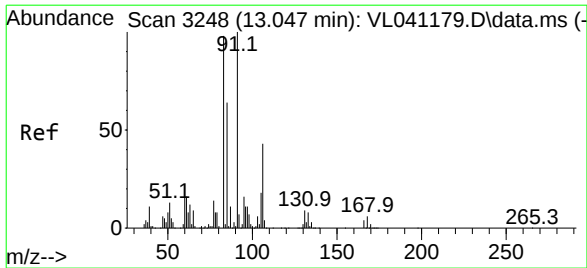
Tgt Ion:105 Resp: 3399532

Ion Ratio Lower Upper

105 100

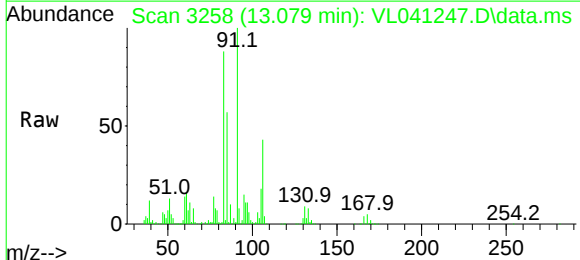
120 25.4 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 10.235 ppbv
RT: 13.079 min Scan# 3248
Delta R.T. 0.013 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

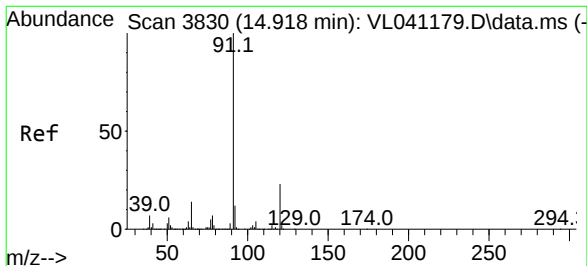
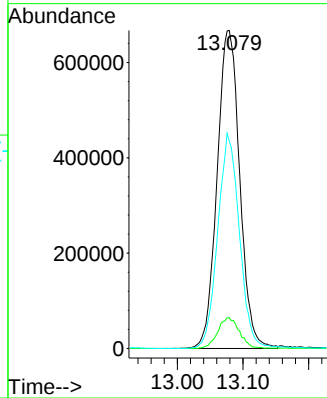
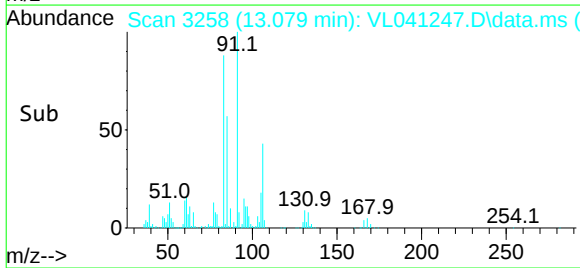
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



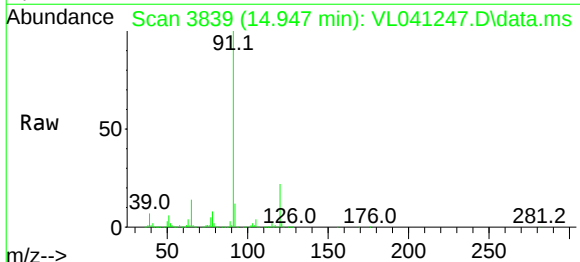
Tgt Ion: 83 Resp: 1596935
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.5
85 65.2 32.7 98.1

Manual Integrations
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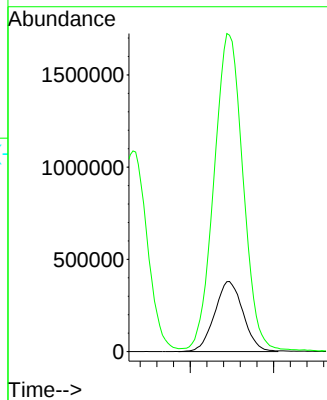
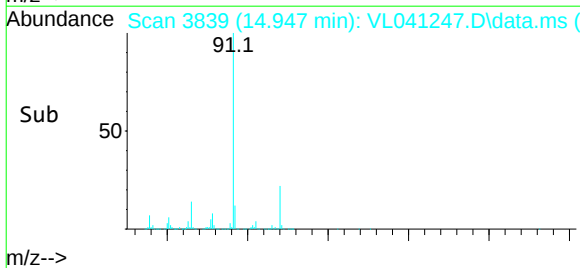
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

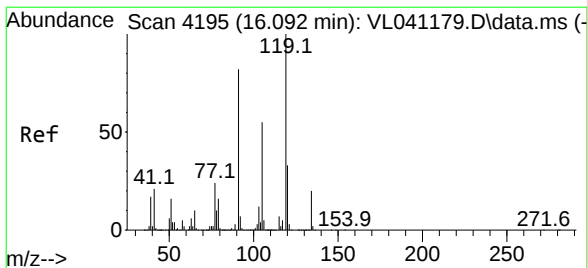


#64
n-propylbenzene
Concen: 10.532 ppbv
RT: 14.947 min Scan# 3839
Delta R.T. 0.013 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10



Tgt Ion:120 Resp: 899631
Ion Ratio Lower Upper
120 100
91 466.4 384.8 577.2





#65

tert-Butylbenzene

Concen: 9.764 ppbv

RT: 16.121 min Scan# 42

Delta R.T. 0.013 min

Lab File: VL041247.D

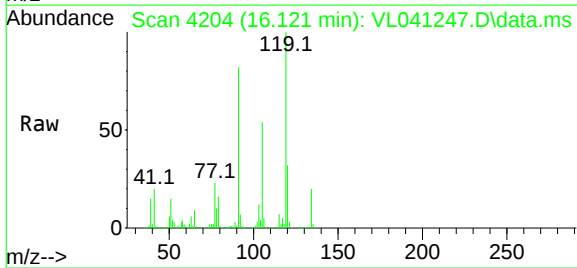
Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:119 Resp: 2994135

Ion Ratio Lower Upper

119 100

91 83.6 67.0 100.4

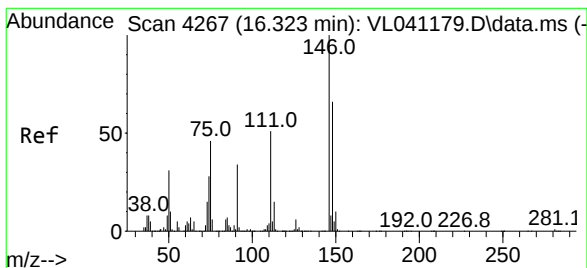
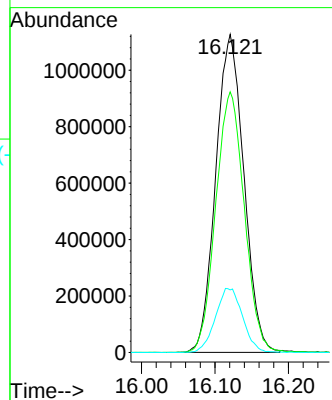
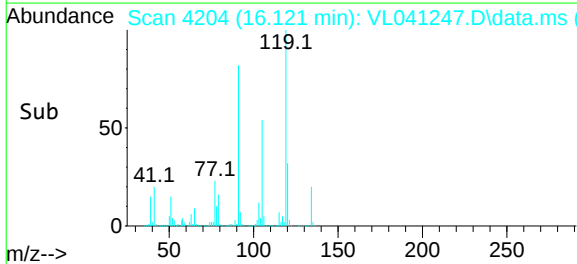
134 19.6 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#66

Benzyl Chloride

Concen: 5.508 ppbv m

RT: 16.359 min Scan# 4278

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

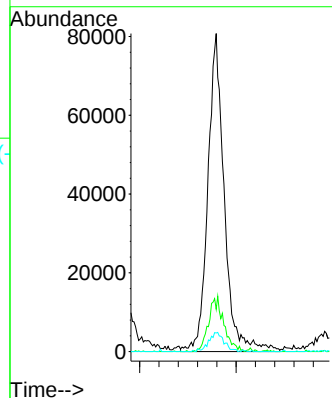
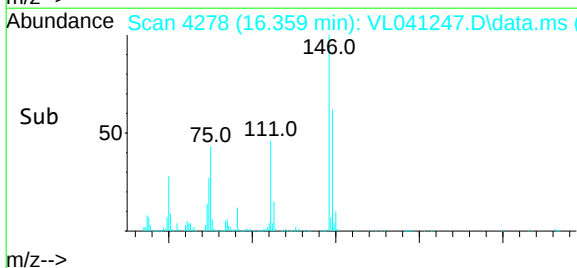
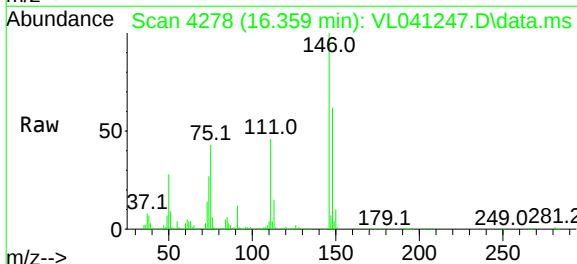
Tgt Ion: 91 Resp: 191207

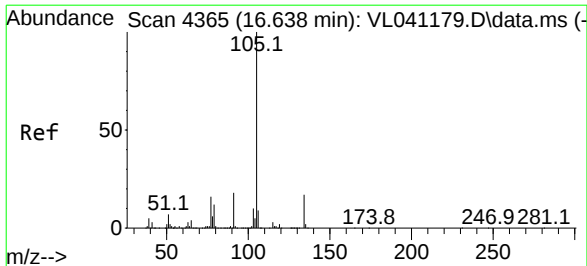
Ion Ratio Lower Upper

91 100

126 16.3 14.6 21.8

128 5.6 4.7 7.1





#67

sec-Butylbenzene

Concen: 9.885 ppbv

RT: 16.664 min Scan# 43

Delta R.T. 0.013 min

Lab File: VL041247.D

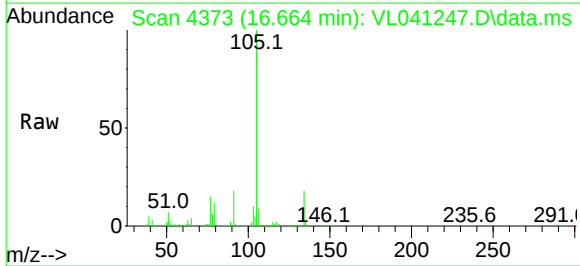
Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:105 Resp: 4267104

Ion Ratio Lower Upper

105 100

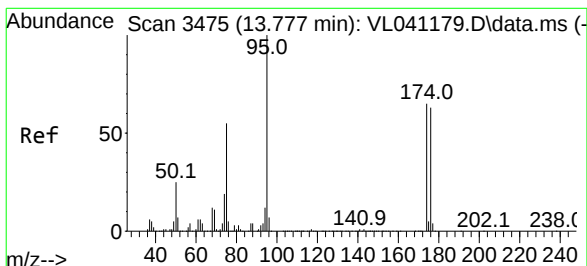
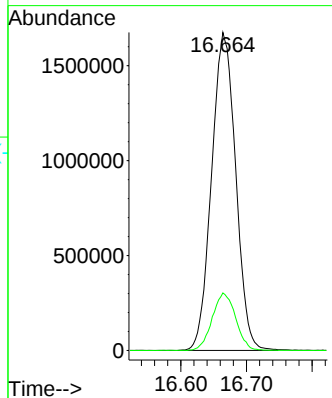
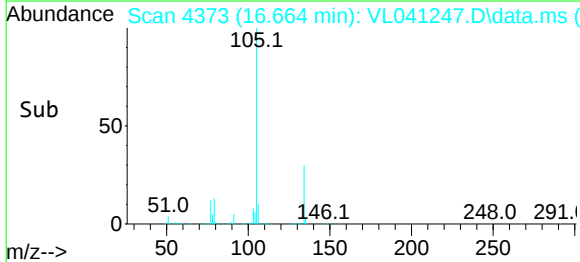
134 17.7 13.8 20.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 10.063 ppbv

RT: 13.806 min Scan# 3484

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

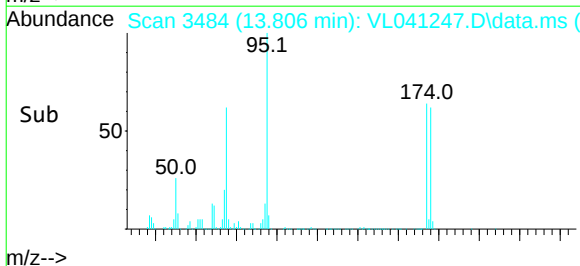
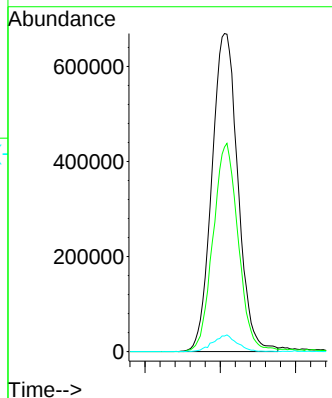
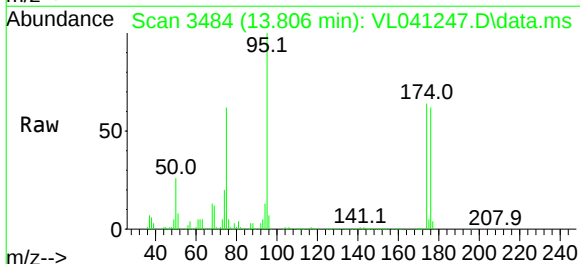
Tgt Ion: 95 Resp: 1609752

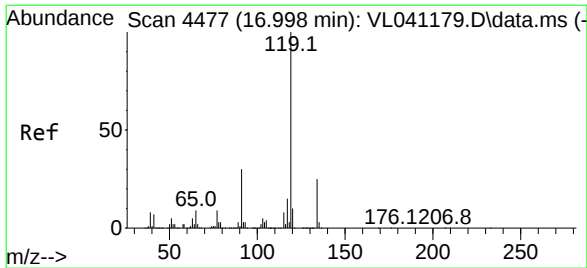
Ion Ratio Lower Upper

95 100

174 64.3 53.6 80.4

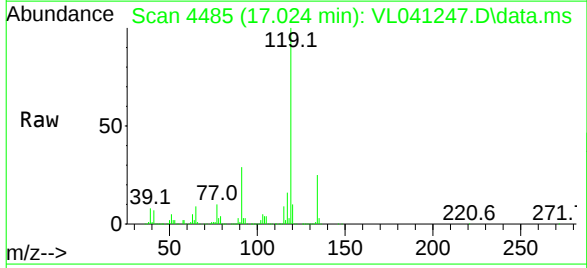
175 5.0 4.2 6.4





#69
p-Isopropyltoluene
Concen: 9.977 ppbv
RT: 17.024 min Scan# 4477
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

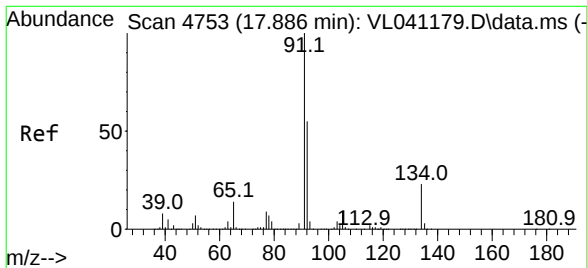
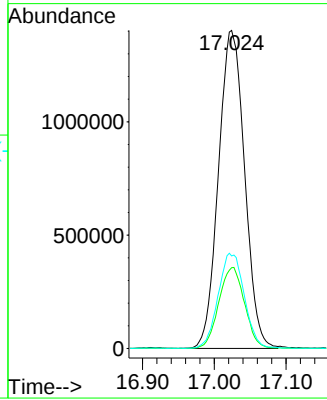
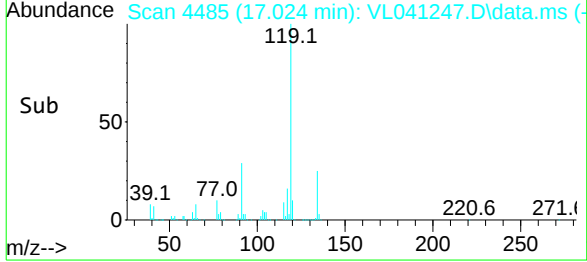
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



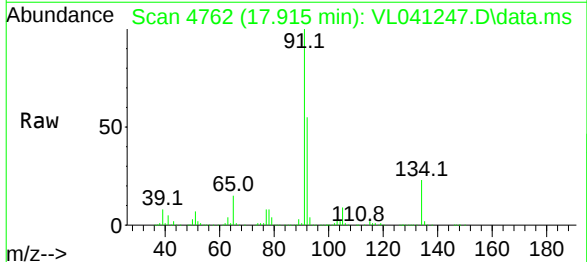
Tgt Ion:119 Resp: 3549306
Ion Ratio Lower Upper
119 100
134 25.2 20.1 30.1
91 30.0 24.2 36.2

Manual Integrations
APPROVED

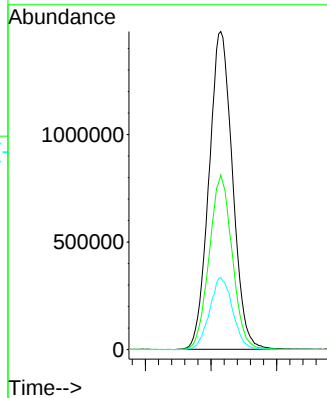
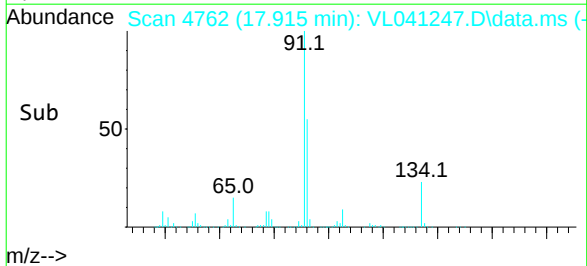
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

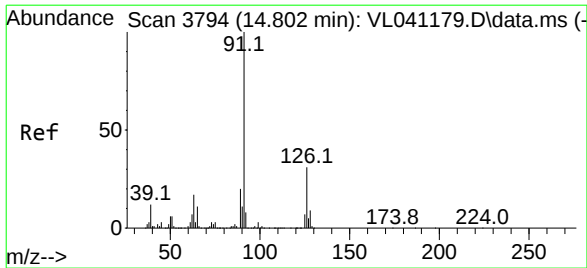


#70
n-Butylbenzene
Concen: 9.911 ppbv
RT: 17.915 min Scan# 4762
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10



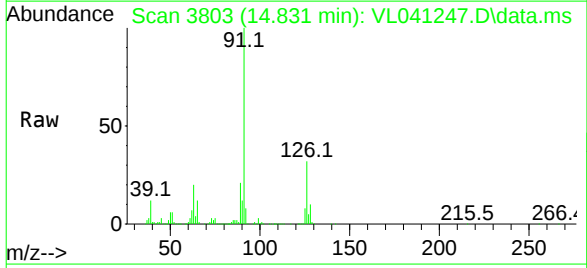
Tgt Ion: 91 Resp: 3682262
Ion Ratio Lower Upper
91 100
92 53.7 43.3 64.9
134 22.3 17.8 26.8





#71
2-Chlorotoluene
Concen: 10.014 ppbv
RT: 14.831 min Scan# 3803
Delta R.T. 0.010 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

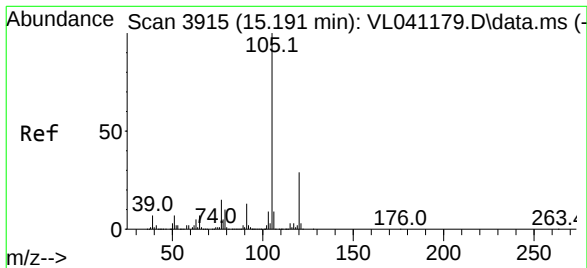
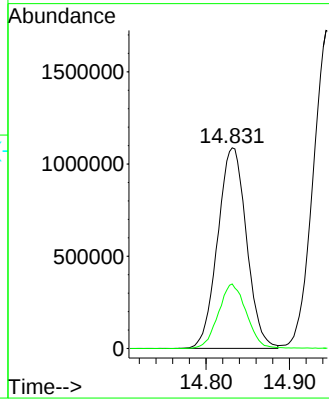
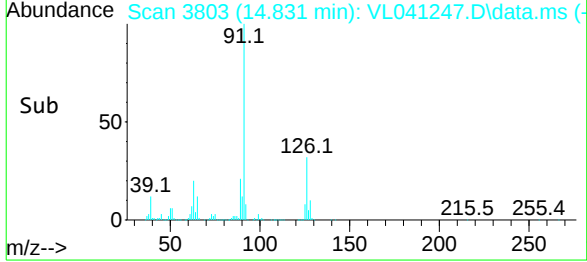
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



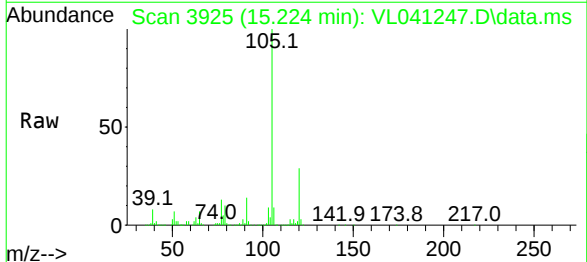
Tgt Ion: 91 Resp: 2610607
Ion Ratio Lower Upper
91 100
126 31.2 12.2 48.8

Manual Integrations
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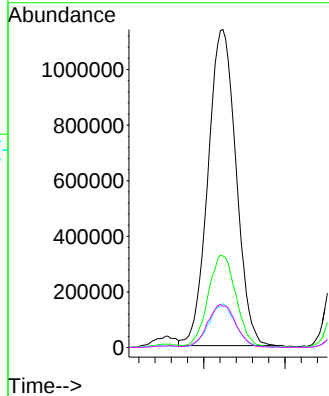
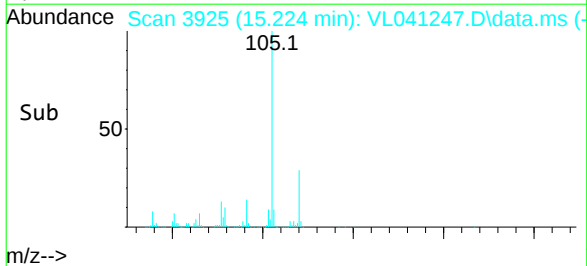
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

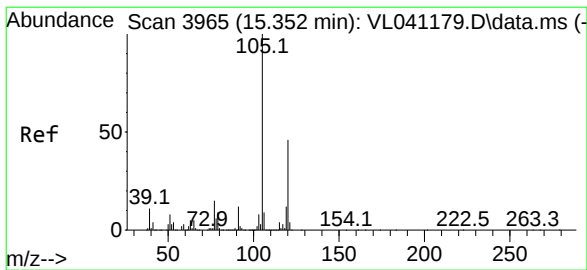


#72
4-Ethyltoluene
Concen: 10.528 ppbv
RT: 15.224 min Scan# 3925
Delta R.T. 0.013 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10



Tgt Ion:105 Resp: 2729801
Ion Ratio Lower Upper
105 100
120 29.2 24.7 37.1
91 13.3 10.3 15.5
77 13.9 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 10.161 ppbv

RT: 15.381 min Scan# 39

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 2383711

Ion Ratio Lower Upper

105 100

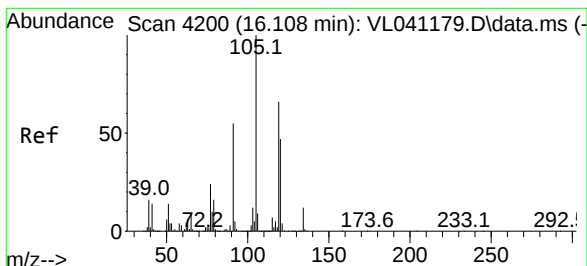
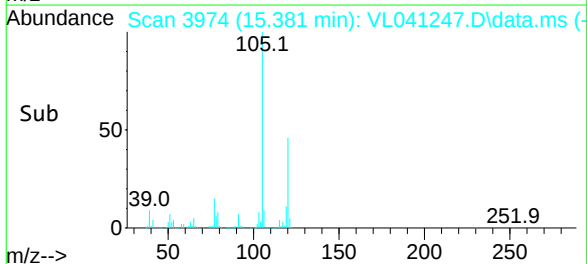
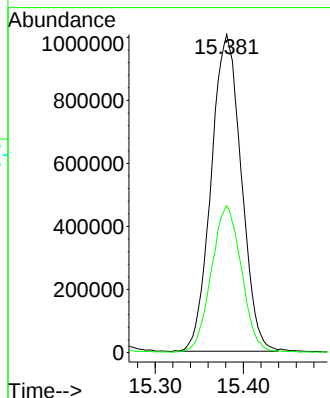
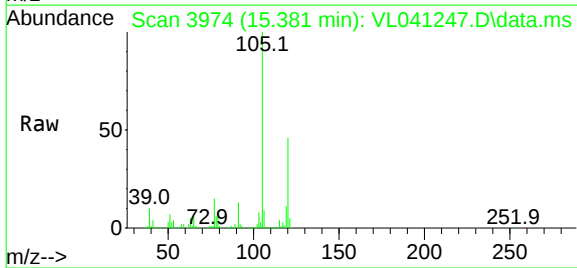
120 46.2 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#74

1,2,4-Trimethylbenzene

Concen: 10.051 ppbv

RT: 16.137 min Scan# 4209

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

Tgt Ion:105 Resp: 2575124

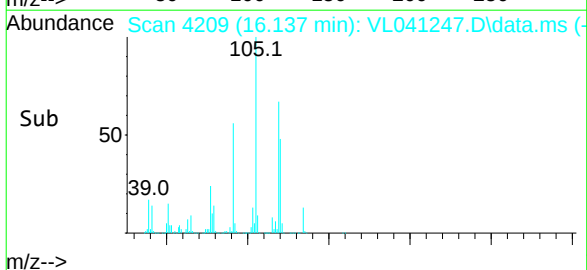
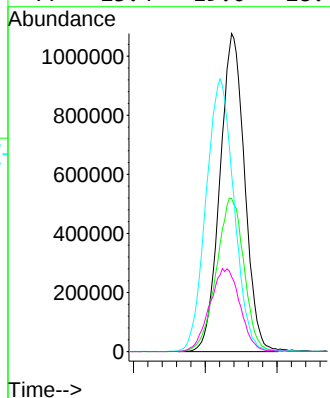
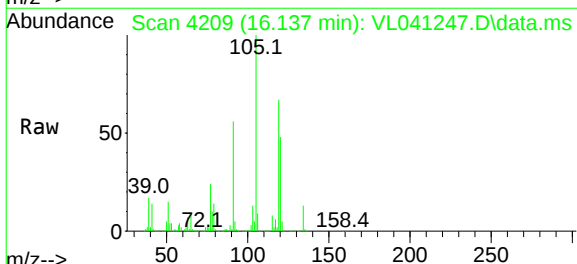
Ion Ratio Lower Upper

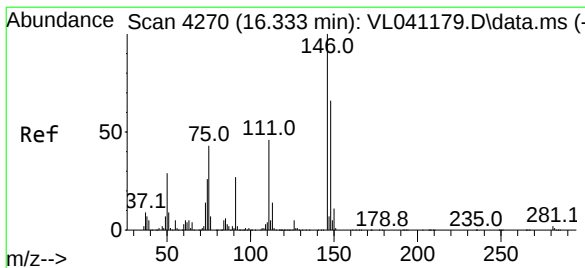
105 100

120 48.0 37.8 56.6

91 55.5 44.3 66.5

77 23.4 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 10.571 ppbv

RT: 16.362 min Scan# 4270

Delta R.T. 0.013 min

Lab File: VL041247.D

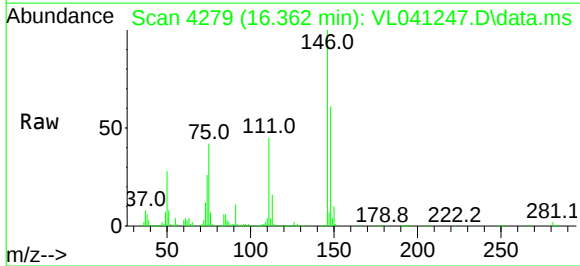
Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:146 Resp: 1553038

Ion Ratio Lower Upper

146 100

111 46.9 23.7 71.1

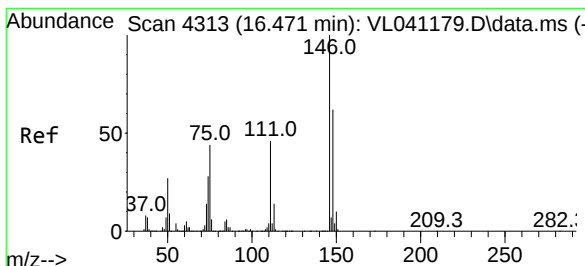
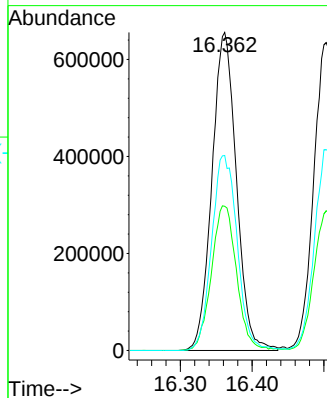
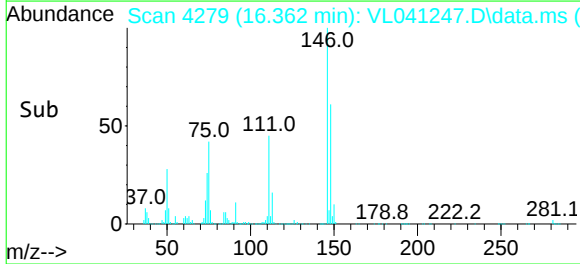
148 64.1 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#76

1,4-Dichlorobenzene

Concen: 10.717 ppbv

RT: 16.503 min Scan# 4323

Delta R.T. 0.010 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

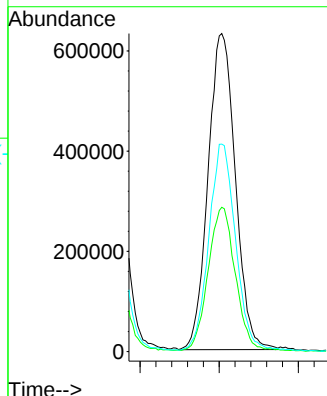
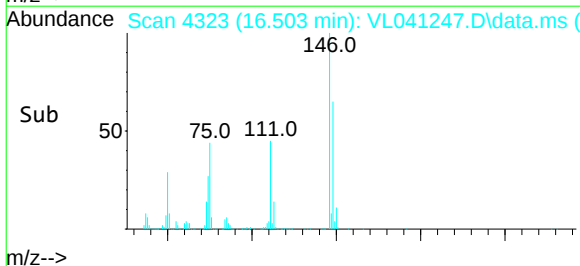
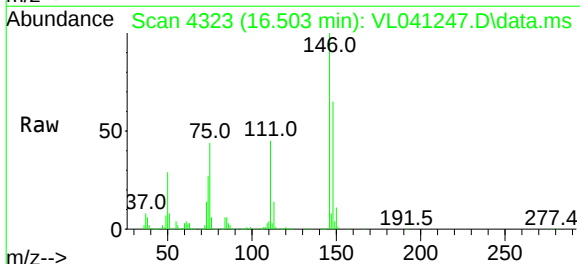
Tgt Ion:146 Resp: 1514104

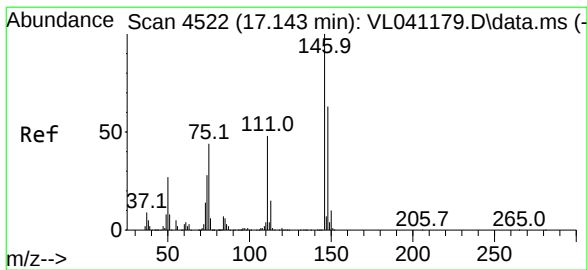
Ion Ratio Lower Upper

146 100

111 45.9 23.3 69.8

148 65.1 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 10.223 ppbv

RT: 17.172 min Scan# 45

Delta R.T. 0.010 min

Lab File: VL041247.D

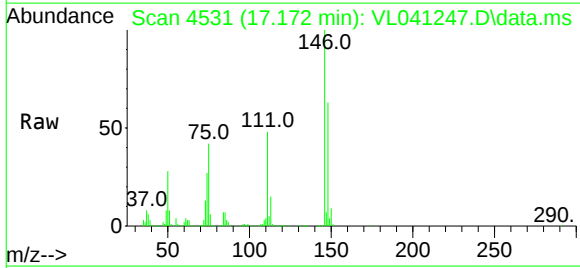
Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:146 Resp: 1501237

Ion Ratio Lower Upper

146 100

111 48.1 24.5 73.5

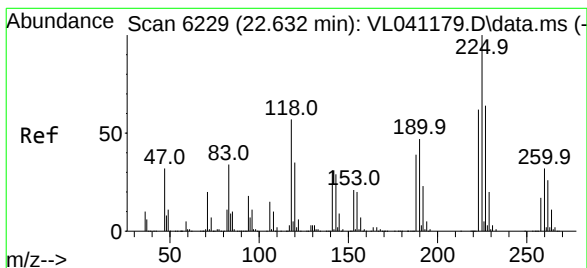
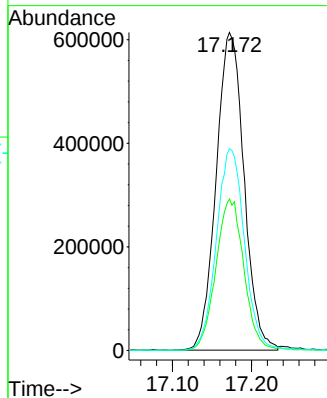
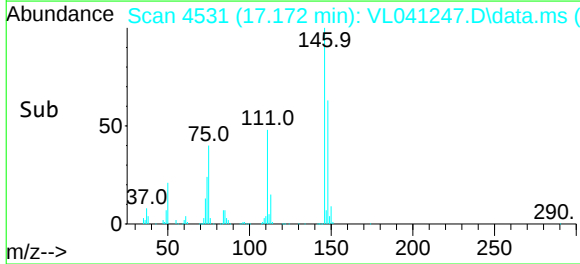
148 64.4 32.6 98.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.193 ppbv

RT: 22.664 min Scan# 6239

Delta R.T. 0.006 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

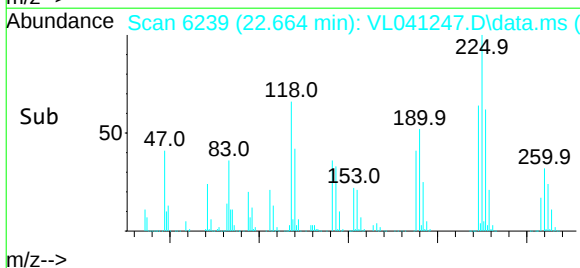
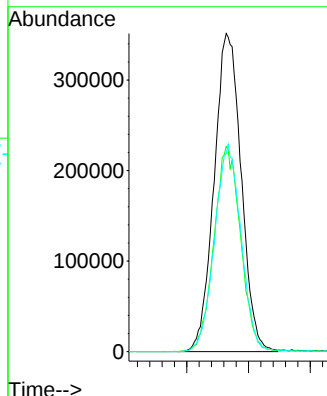
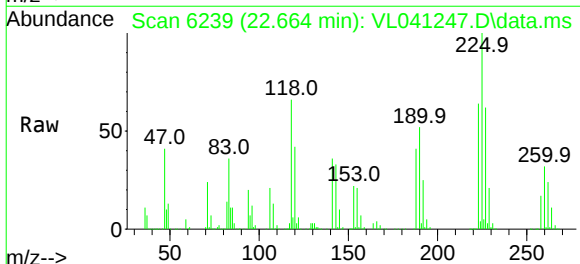
Tgt Ion:225 Resp: 1069407

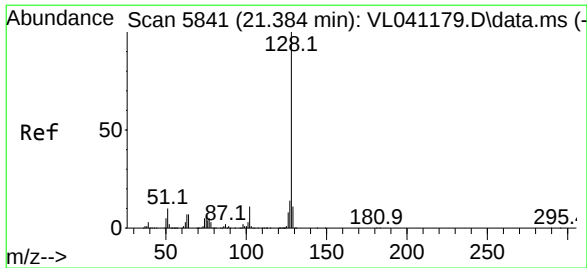
Ion Ratio Lower Upper

225 100

223 63.5 50.9 76.3

227 63.8 52.0 78.0





#79

Naphthalene

Concen: 10.533 ppbv

RT: 21.413 min Scan# 5841

Delta R.T. 0.010 min

Lab File: VL041247.D

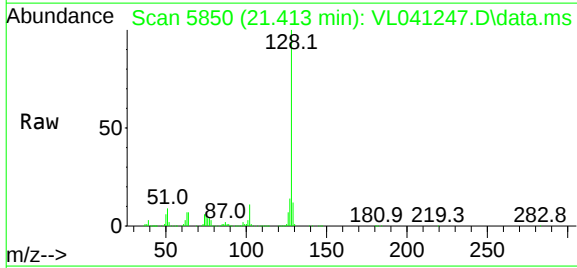
Acq: 8 May 2024 17:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:128 Resp: 2569903

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

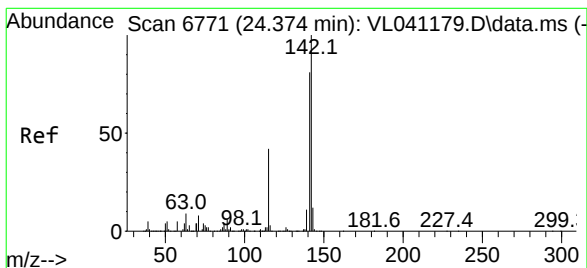
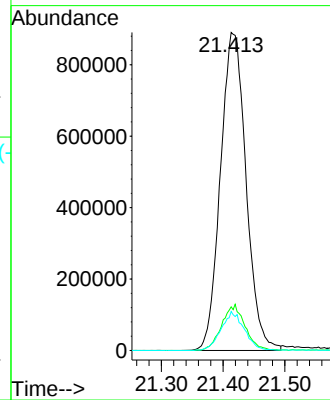
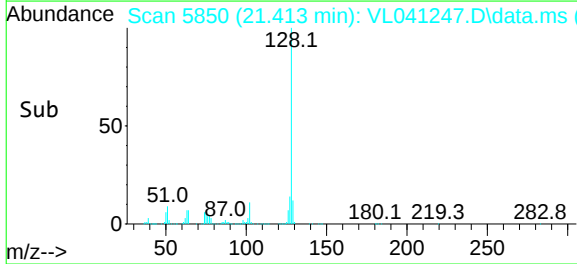
129 12.3 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#80

Naphthalene,2-methyl-

Concen: 7.983 ppbv

RT: 24.397 min Scan# 6778

Delta R.T. 0.006 min

Lab File: VL041247.D

Acq: 8 May 2024 17:10

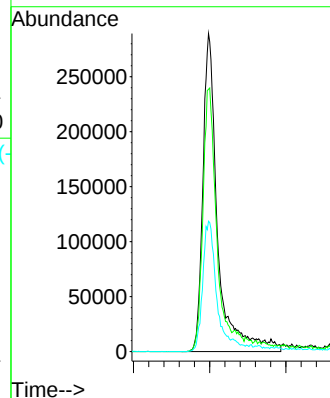
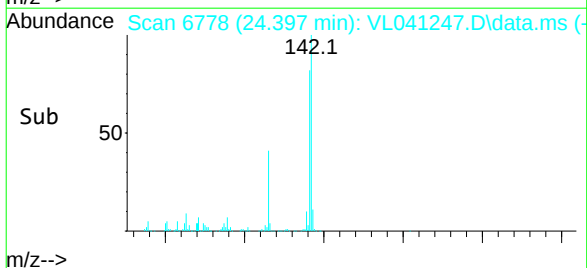
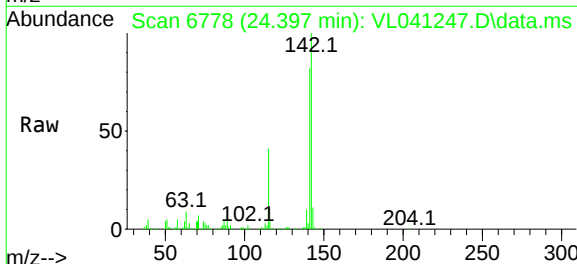
Tgt Ion:142 Resp: 783563

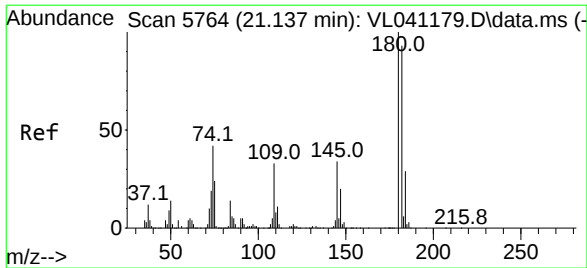
Ion Ratio Lower Upper

142 100

141 83.2 67.9 101.9

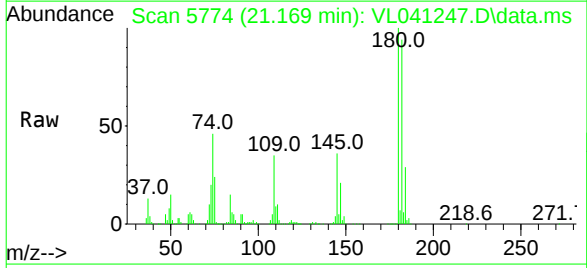
115 39.5 31.4 47.0





#81
1,2,4-Trichlorobenzene
Concen: 9.538 ppbv
RT: 21.169 min Scan# 57
Delta R.T. 0.003 min
Lab File: VL041247.D
Acq: 8 May 2024 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 1228719
Ion Ratio Lower Upper
180 100
182 97.0 77.2 115.8
184 30.5 24.6 36.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

