

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050924\
 Data File : VL041249.D
 Acq On : 9 May 2024 8:46
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/10/2024
 Supervised By : Mahesh Dadoda 05/10/2024

Quant Time: May 10 01:11:21 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 10 01:10:17 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	820930	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2179271	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2195261m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.786 95 1599972 9.654 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.745	85	1236433	11.135	ppbv	100
3) Chlorodifluoromethane	2.690	51	1344289	10.782	ppbv	99
4) Chloromethane	2.828	50	508951	10.403	ppbv	96
5) Vinyl Chloride	2.935	62	521176	10.604	ppbv	99
6) Bromomethane	3.134	94	192304	10.724	ppbv	92
7) Chloroethane	3.214	64	177317	10.219	ppbv	98
8) Dichlorotetrafluoroethane	2.873	85	1264611	11.003	ppbv	98
9) Propene	2.710	41	458690	9.401	ppbv	95
10) Heptane	7.597	43	1180358	9.985	ppbv	99
11) Trichlorofluoromethane	3.578	101	1295702	11.481	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.079	101	908142	10.882	ppbv	99
13) Ethanol	3.256	45	119566m	10.931	ppbv	
14) Bromoethene	3.382	108	374656	10.878	ppbv	99
15) Acetone	3.481	43	968339	9.995	ppbv	97
16) 1,3-Butadiene	2.999	39	529276	10.822	ppbv	98
17) tert-Butyl alcohol	3.890	59	941173	9.005	ppbv	99
18) 1,1-Dichloroethene	3.896	96	404122	10.860	ppbv	100
19) Isopropyl Alcohol	3.591	45	680982	10.712	ppbv #	45
20) Methylene Chloride	3.947	84	336562	9.990	ppbv	93
21) Allyl Chloride	4.012	41	640458	10.138	ppbv	96
22) trans-1,2-Dichloroethene	4.462	96	436434	11.278	ppbv	98
23) Vinyl Acetate	4.639	43	1118175	10.481	ppbv	99
24) 1,1-Dichloroethane	4.578	63	899275	10.840	ppbv	99
25) Ethyl Acetate	5.221	43	1975899	10.218	ppbv	99
26) Hexane	5.227	57	861763	9.986	ppbv	99
27) Carbon Disulfide	4.140	76	1098605	10.754	ppbv	97
28) Methyl tert-Butyl Ether	4.600	73	661617	9.629	ppbv	100
29) Chloroform	5.288	83	1346439	11.310	ppbv	98
30) Cyclohexane	6.616	84	719501	10.533	ppbv	98
31) cis-1,2-Dichloroethene	5.095	61	861827	10.668	ppbv	93
32) 1,1,1-Trichloroethane	6.018	97	1338829	11.271	ppbv	99
34) 2-Butanone	4.799	43	1067522	9.624	ppbv	99
35) Carbon Tetrachloride	6.510	117	1375094	11.243	ppbv	97
36) Benzene	6.385	78	1828785	10.000	ppbv	100
37) 1,2-Dichloroethane	5.822	62	1053250	11.038	ppbv	99
38) Trichloroethene	7.307	130	710622	10.427	ppbv	96
39) 1,2-Dichloropropane	7.089	63	698098	9.905	ppbv	96
40) 1,4-Dioxane	7.298	88	271241	10.772	ppbv	94
41) Tetrahydrofuran	5.571	42	749610	9.335	ppbv	99
42) Bromodichloromethane	7.262	83	1513059	11.056	ppbv	98
43) Methyl Methacrylate	7.487	69	727418	9.834	ppbv	96
44) 2,2,4-Trimethylpentane	7.340	57	3071786	9.742	ppbv	100
45) t-1,3-Dichloropropene	8.722	75	565420	10.549	ppbv	96

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

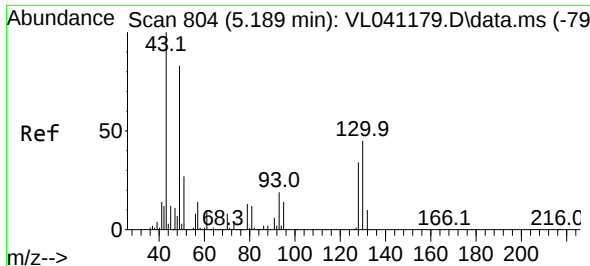
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri May 10 01:10:17 2024

Response via : Initial Calibration

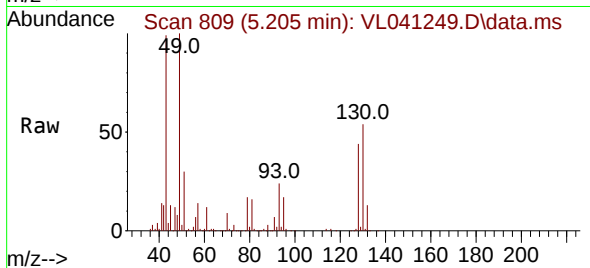
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	673402	10.262	ppbv	98
47) 1,1,2-Trichloroethane	8.915	97	749348	10.622	ppbv	99
48) Dibromochloromethane	9.725	129	1271834	11.315	ppbv	100
49) Bromoform	12.420	173	1059899	11.085	ppbv	99
50) 4-Methyl-2-Pentanone	8.195	43	1929006	9.691	ppbv	100
51) 2-Hexanone	9.565	43	1418637	9.608	ppbv #	97
52) Tetrachloroethene	10.629	164	644730	10.030	ppbv	97
53) Toluene	9.233	91	2140627	10.095	ppbv	100
54) 1,2-Dibromoethane	10.021	107	1052284	11.013	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.523	131	932697	10.478	ppbv	95
57) Chlorobenzene	11.542	112	1597192	9.935	ppbv	99
58) Ethyl Benzene	12.101	91	2876713	9.557	ppbv	98
59) m/p-Xylene	12.384	91	4891888m	19.336	ppbv	
60) o-Xylene	13.069	91	2306052	9.724	ppbv	100
61) Styrene	12.908	104	1265553	10.102	ppbv	98
62) Isopropylbenzene	14.043	105	3439295	9.696	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.060	83	1605625	9.933	ppbv	99
64) n-propylbenzene	14.931	120	899768	10.167	ppbv	97
65) tert-Butylbenzene	16.101	119	3031786	9.543	ppbv	100
66) Benzyl Chloride	16.346	91	261266m	7.265	ppbv	
67) sec-Butylbenzene	16.648	105	4303083	9.622	ppbv	99
69) p-Isopropyltoluene	17.008	119	3581459	9.717	ppbv	100
70) n-Butylbenzene	17.899	91	3742533	9.723	ppbv	99
71) 2-Chlorotoluene	14.812	91	2641930	9.782	ppbv	98
72) 4-Ethyltoluene	15.207	105	2740169	10.201	ppbv	99
73) 1,3,5-Trimethylbenzene	15.365	105	2427565	9.988	ppbv	99
74) 1,2,4-Trimethylbenzene	16.121	105	2620017	9.871	ppbv	97
75) 1,3-Dichlorobenzene	16.342	146	1567052	10.296	ppbv	99
76) 1,4-Dichlorobenzene	16.484	146	1537184	10.502	ppbv	100
77) 1,2-Dichlorobenzene	17.159	146	1503936	9.885	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	1073809	7.941	ppbv	99
79) Naphthalene	21.400	128	2621234	10.370	ppbv	99
80) Naphthalene,2-methyl-	24.387	142	781850	7.689	ppbv	98
81) 1,2,4-Trichlorobenzene	21.153	180	1261621	9.453	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

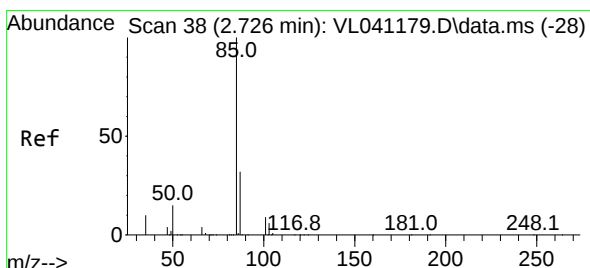
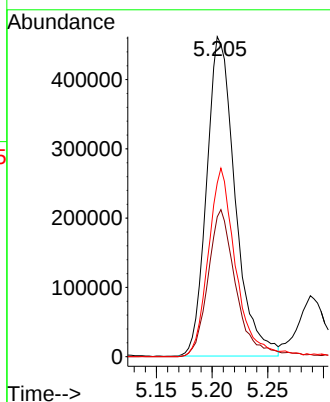
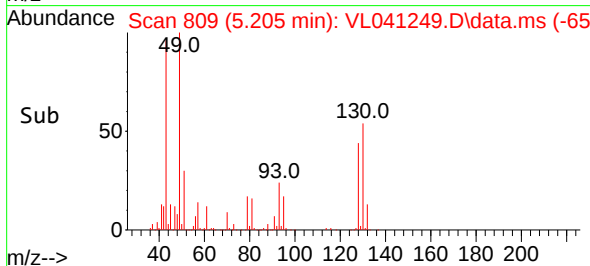
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 820930
Ion Ratio Lower Upper
49 100
128 45.9 21.5 64.5
130 57.9 27.2 81.6

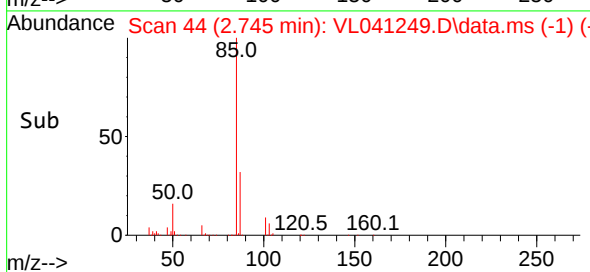
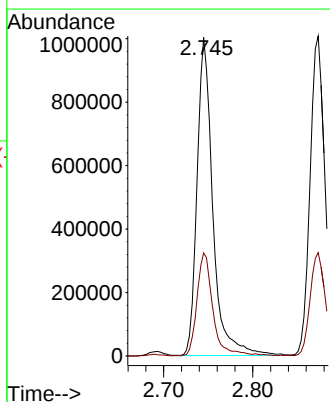
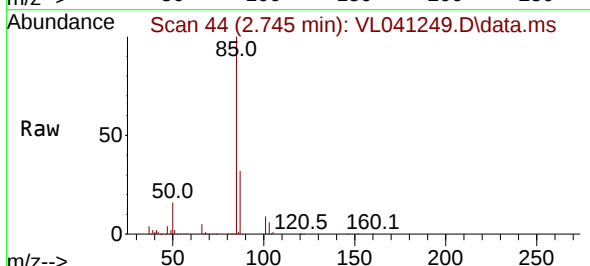
Manual Integrations
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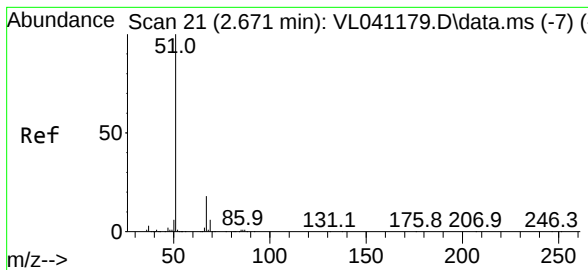
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#2
Dichlorodifluoromethane
Concen: 11.135 ppbv
RT: 2.745 min Scan# 44
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

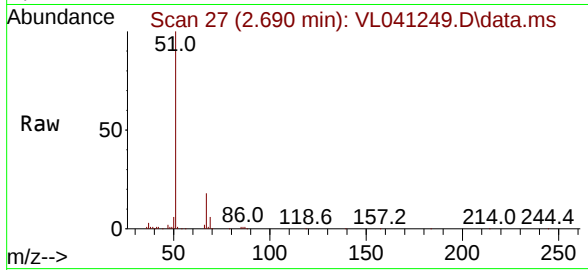
Tgt Ion: 85 Resp: 1236433
Ion Ratio Lower Upper
85 100
87 32.3 25.7 38.5





#3
Chlorodifluoromethane
Concen: 10.782 ppbv
RT: 2.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

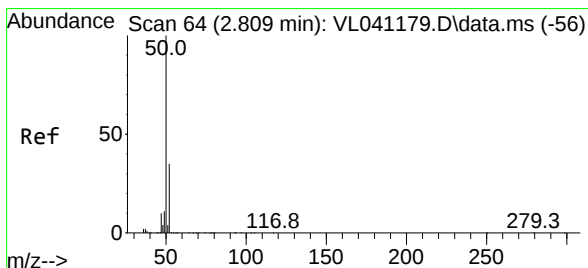
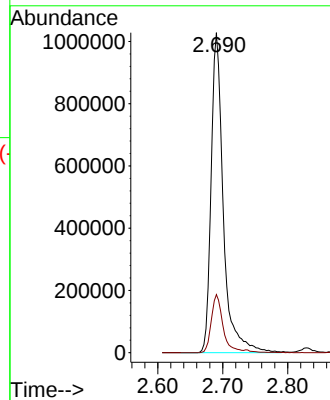
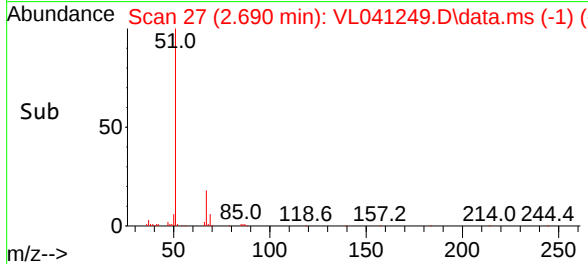
Instrument :
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ClientSampleId :
VSTDCCC010



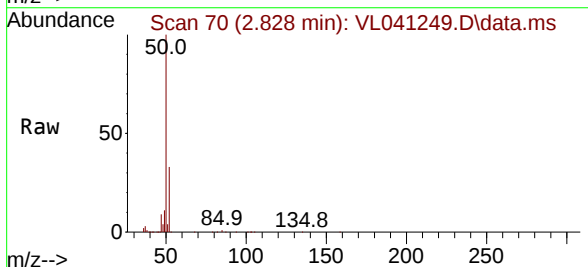
Tgt Ion: 51 Resp: 1344289
Ion Ratio Lower Upper
51 100
67 18.1 14.0 21.0

Manual Integrations
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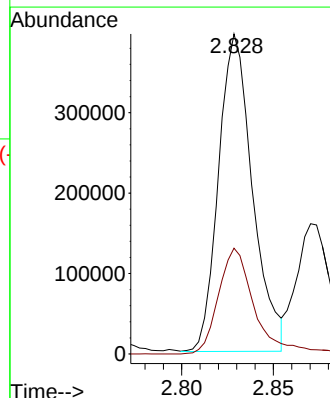
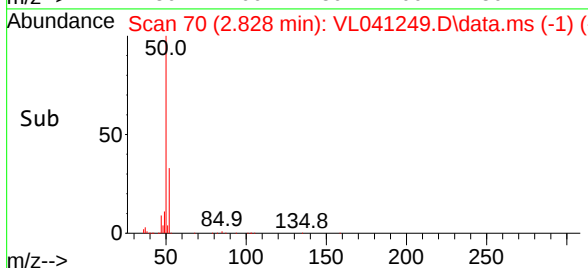
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

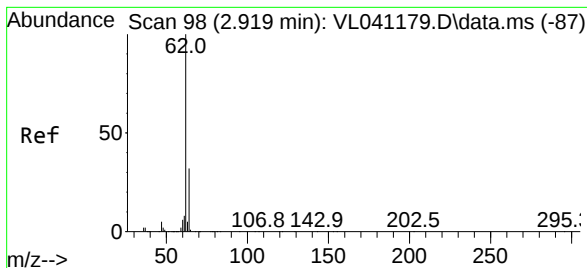


#4
Chloromethane
Concen: 10.403 ppbv
RT: 2.828 min Scan# 70
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46



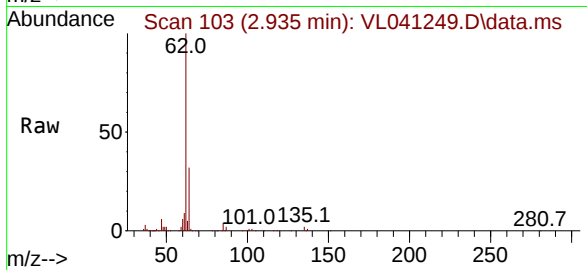
Tgt Ion: 50 Resp: 508951
Ion Ratio Lower Upper
50 100
52 33.4 28.3 42.5





#5
 Vinyl Chloride
 Concen: 10.604 ppbv
 RT: 2.935 min Scan# 103
 Delta R.T. 0.000 min
 Lab File: VL041249.D
 Acq: 9 May 2024 8:46

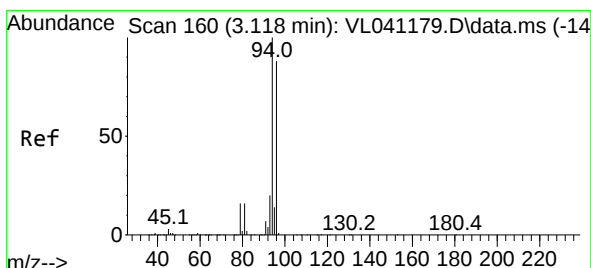
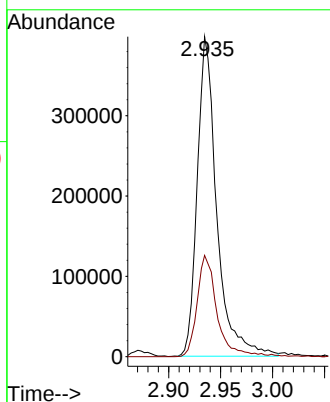
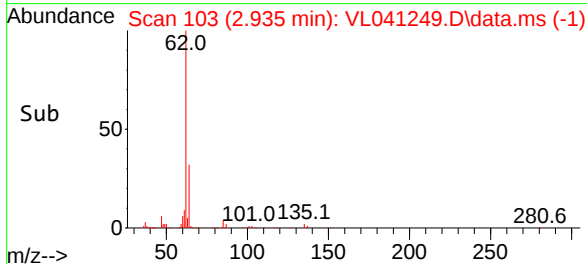
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



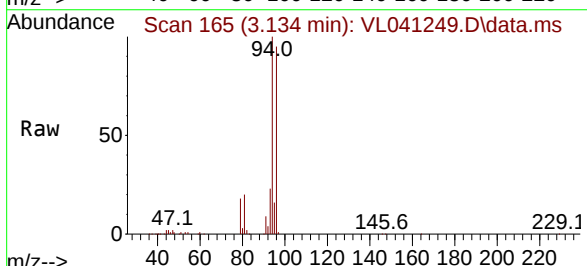
Tgt Ion: 62 Resp: 521170
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.7 38.5

Manual Integrations
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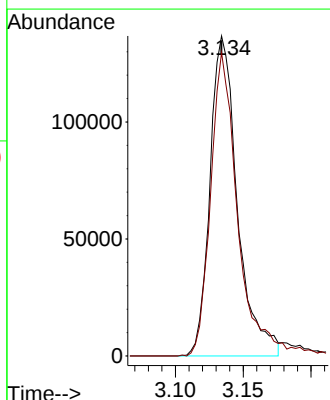
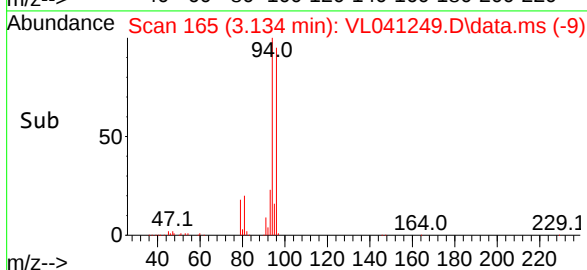
Reviewed By :Semsettin Yesilyurt 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024

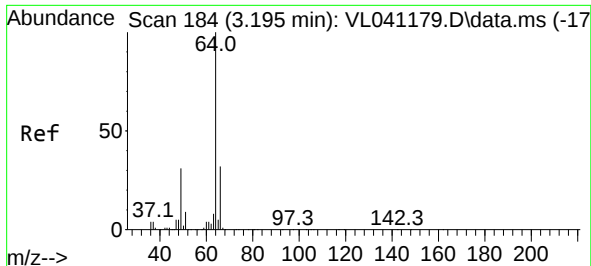


#6
 Bromomethane
 Concen: 10.724 ppbv
 RT: 3.134 min Scan# 165
 Delta R.T. 0.000 min
 Lab File: VL041249.D
 Acq: 9 May 2024 8:46



Tgt Ion: 94 Resp: 192304
 Ion Ratio Lower Upper
 94 100
 96 94.9 70.1 105.1





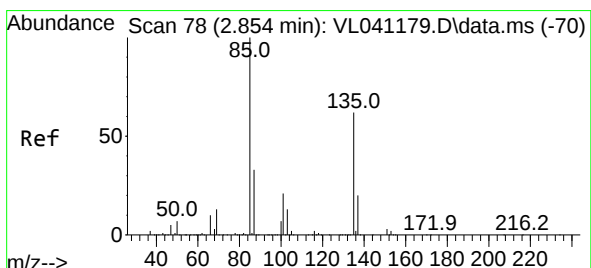
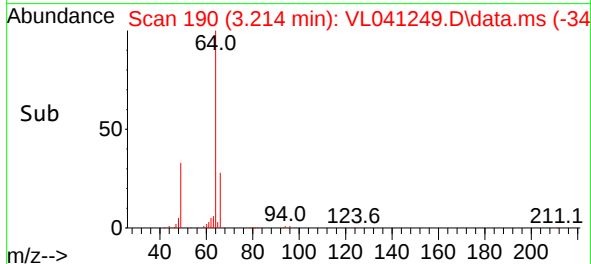
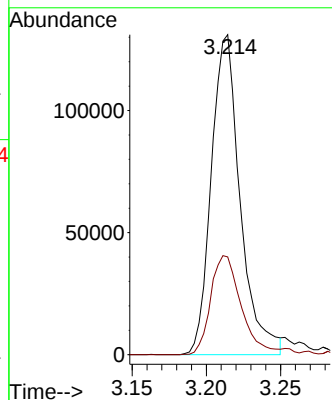
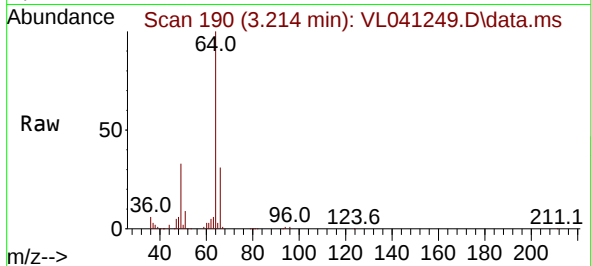
#7
Chloroethane
Concen: 10.219 ppbv
RT: 3.214 min Scan# 19
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 17731
Ion Ratio Lower Upper
64 100
66 30.5 25.4 38.2

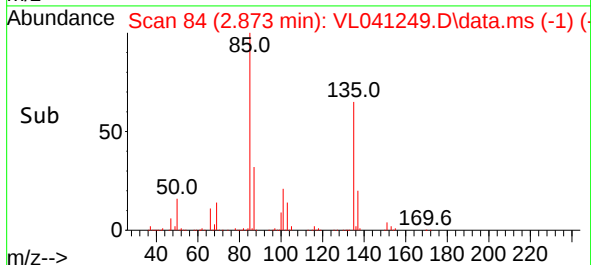
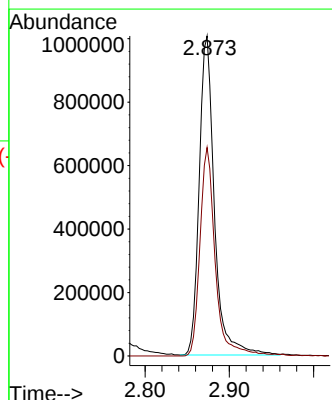
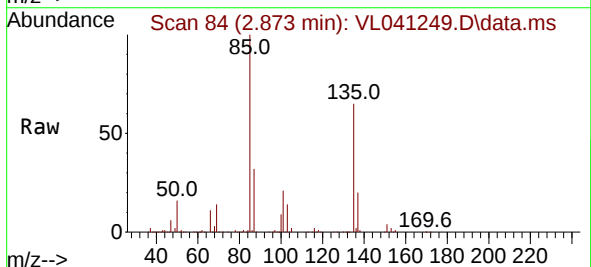
Manual Integrations
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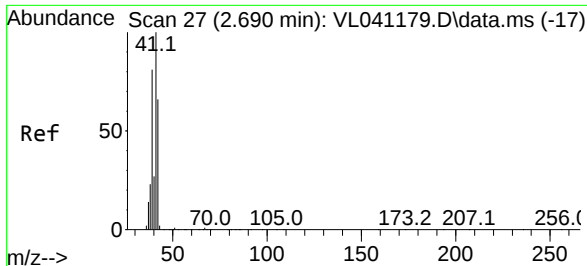
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#8
Dichlorotetrafluoroethane
Concen: 11.003 ppbv
RT: 2.873 min Scan# 84
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

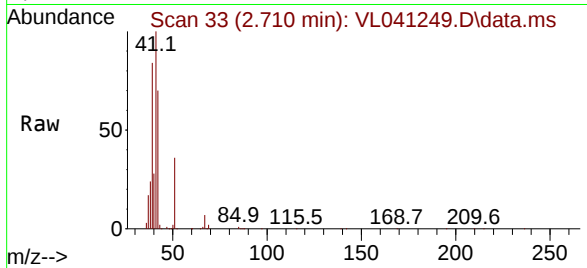
Tgt Ion: 85 Resp: 1264611
Ion Ratio Lower Upper
85 100
135 66.3 51.5 77.3





#9
Propene
Concen: 9.401 ppbv
RT: 2.710 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

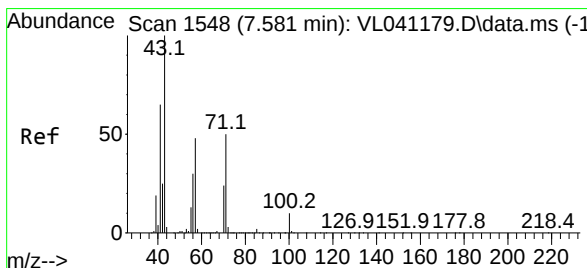
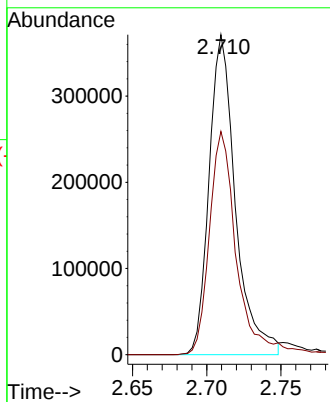
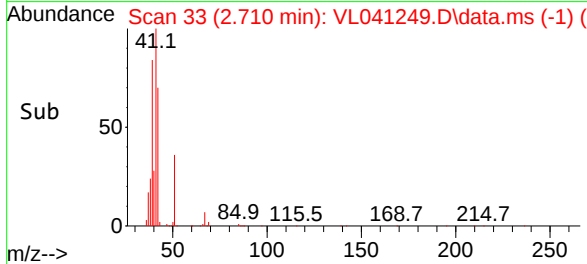
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



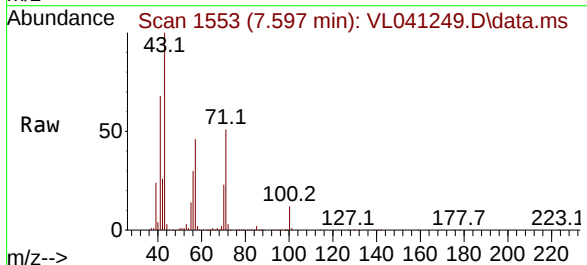
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Ion Ratio Lower Upper
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42 72.8 55.3 82.9

Manual Integrations
APPROVED

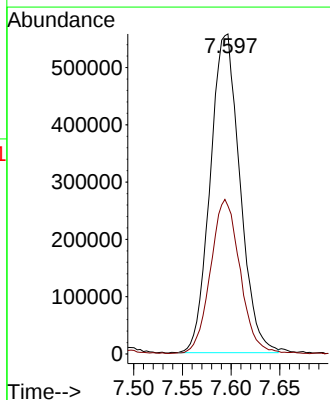
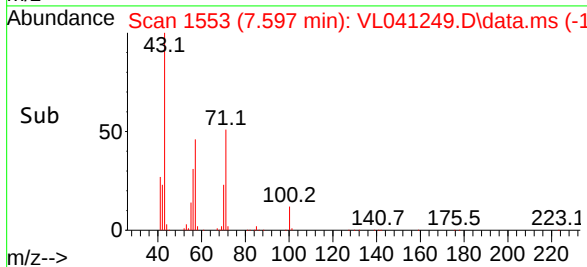
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

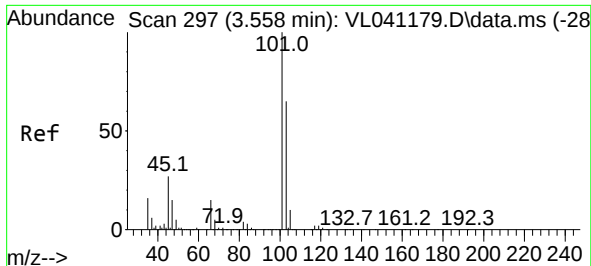


#10
Heptane
Concen: 9.985 ppbv
RT: 7.597 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46



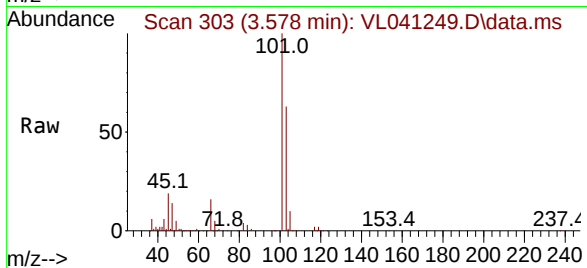
Tgt Ion: 43 Resp: 1180358
Ion Ratio Lower Upper
43 100
57 47.8 38.7 58.1





#11
Trichlorofluoromethane
Concen: 11.481 ppbv
RT: 3.578 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

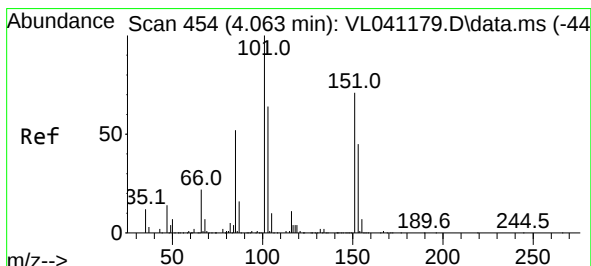
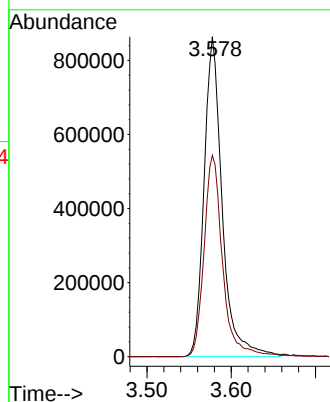
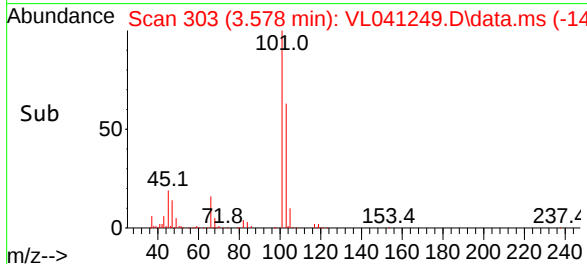
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



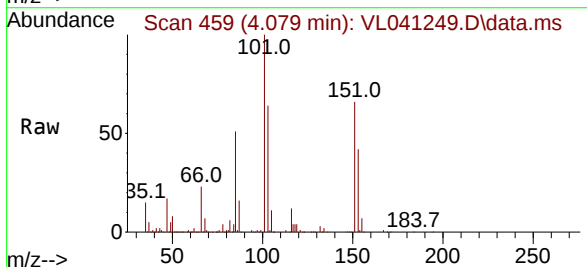
Tgt Ion:101 Resp: 129570
Ion Ratio Lower Upper
101 100
103 62.9 51.6 77.4

Manual Integrations
APPROVED

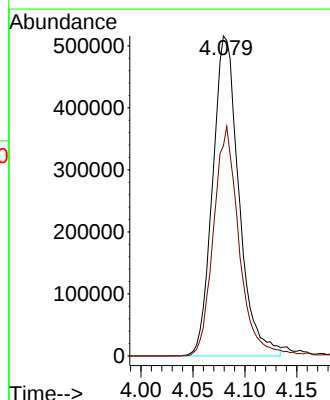
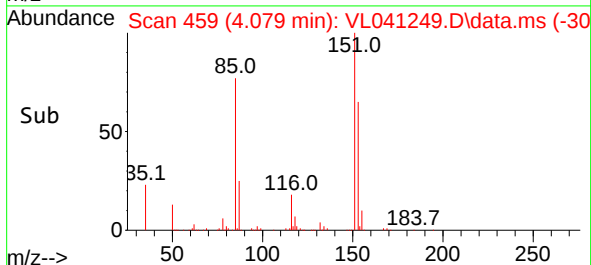
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

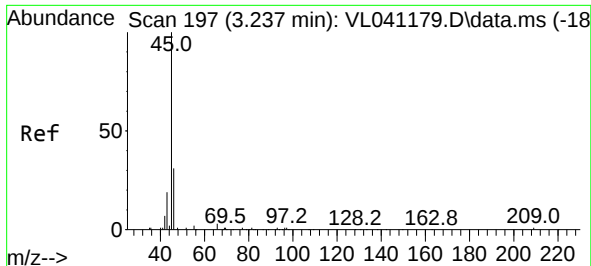


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.882 ppbv
RT: 4.079 min Scan# 459
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46



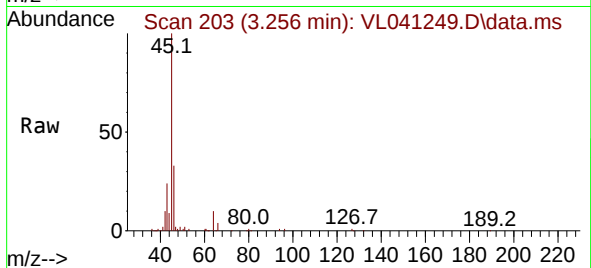
Tgt Ion:101 Resp: 908142
Ion Ratio Lower Upper
101 100
151 70.3 56.8 85.2





#13
Ethanol
Concen: 10.931 ppbv m
RT: 3.256 min Scan# 203
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

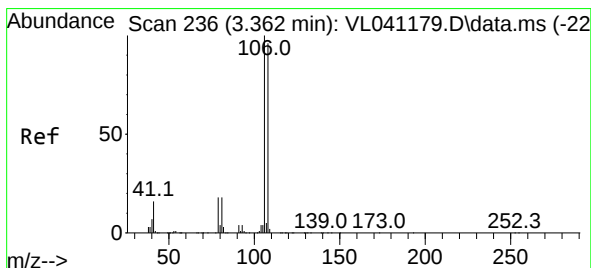
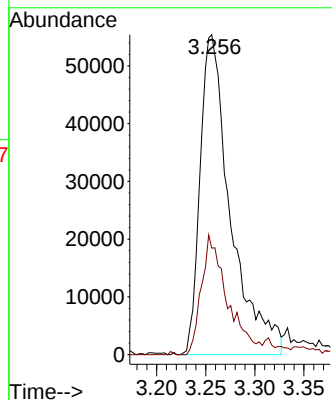
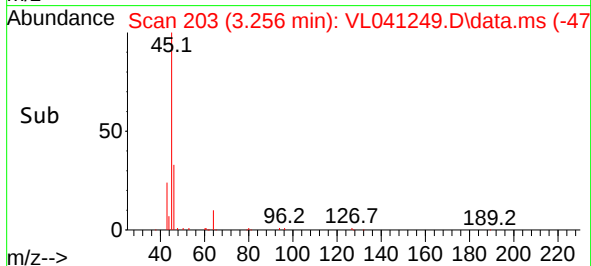
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



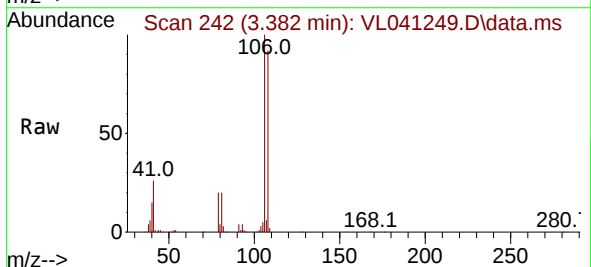
Tgt Ion: 45 Resp: 11956
Ion Ratio Lower Upper
45 100
46 36.5 14.8 59.0

Manual Integrations
APPROVED

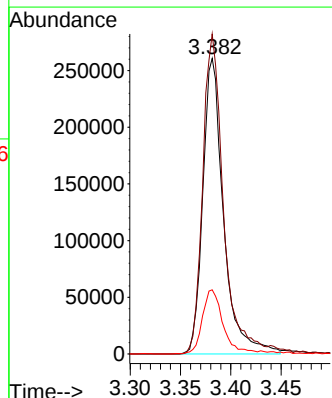
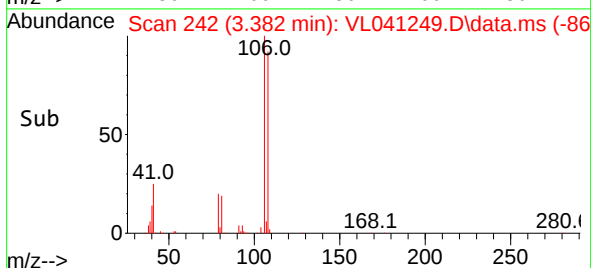
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

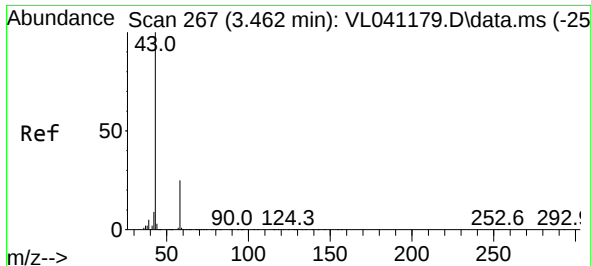


#14
Bromoethene
Concen: 10.878 ppbv
RT: 3.382 min Scan# 242
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46



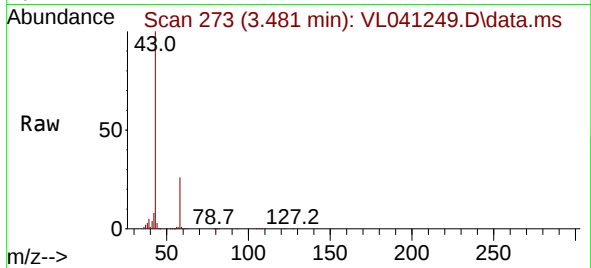
Tgt Ion:108 Resp: 374656
Ion Ratio Lower Upper
108 100
106 109.9 88.2 132.4
79 22.9 17.4 26.0





#15
Acetone
Concen: 9.995 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

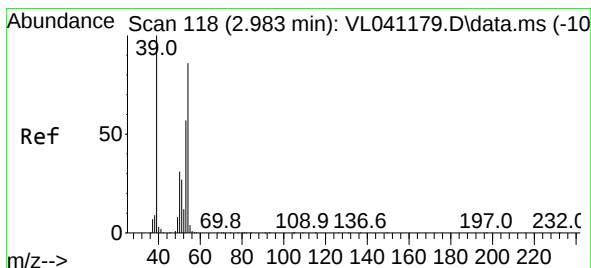
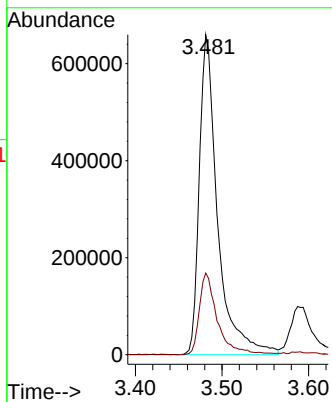
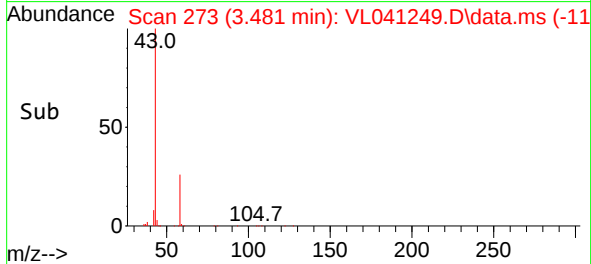
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



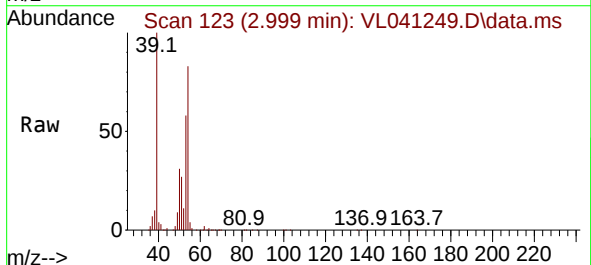
Tgt Ion: 43 Resp: 968339
Ion Ratio Lower Upper
43 100
58 25.3 21.4 32.0

Manual Integrations
APPROVED

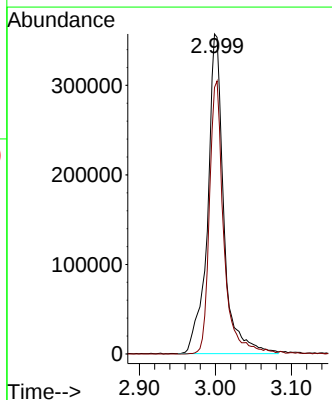
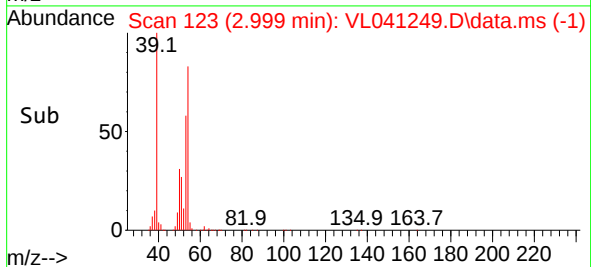
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

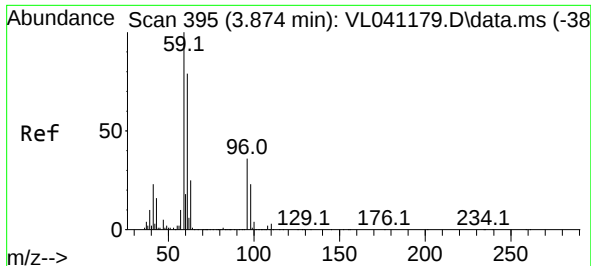


#16
1,3-Butadiene
Concen: 10.822 ppbv
RT: 2.999 min Scan# 123
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46



Tgt Ion: 39 Resp: 529276
Ion Ratio Lower Upper
39 100
54 76.0 62.2 93.4





#17

tert-Butyl alcohol

Concen: 9.005 ppbv

RT: 3.890 min Scan# 401

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 94117

Ion Ratio Lower Upper

59 100

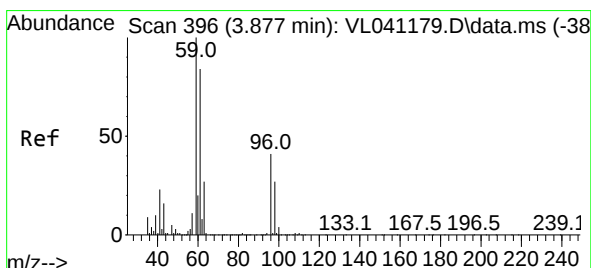
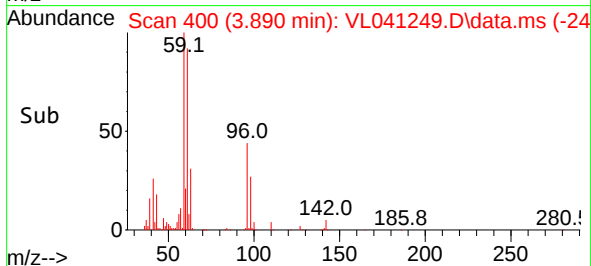
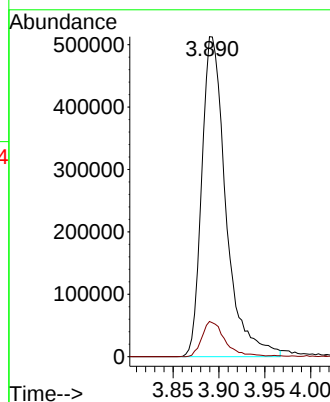
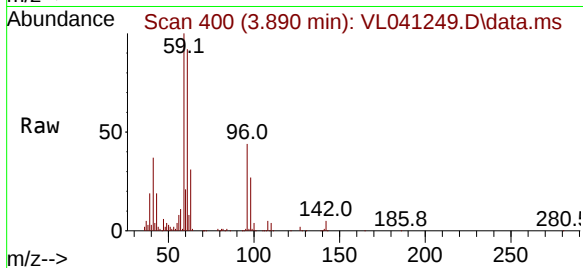
57 10.8 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#18

1,1-Dichloroethene

Concen: 10.860 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

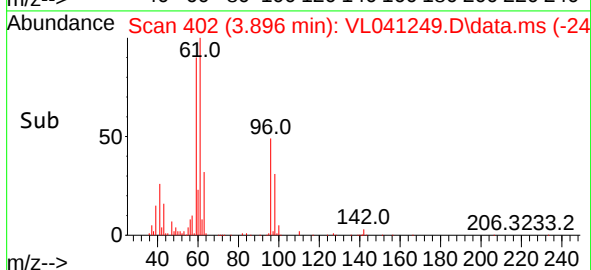
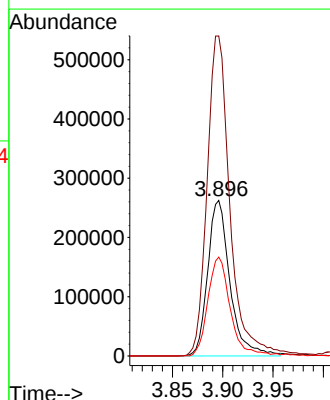
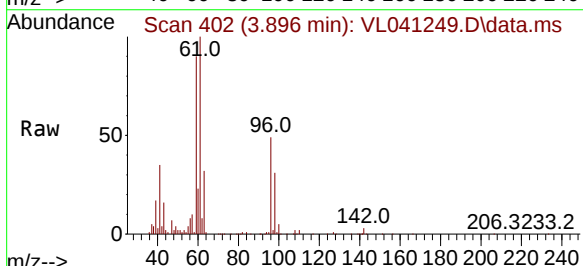
Tgt Ion: 96 Resp: 404122

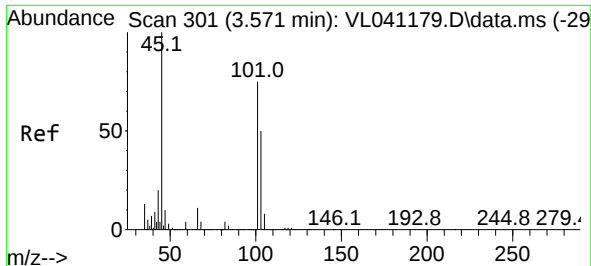
Ion Ratio Lower Upper

96 100

61 205.7 164.4 246.6

98 63.5 51.8 77.8





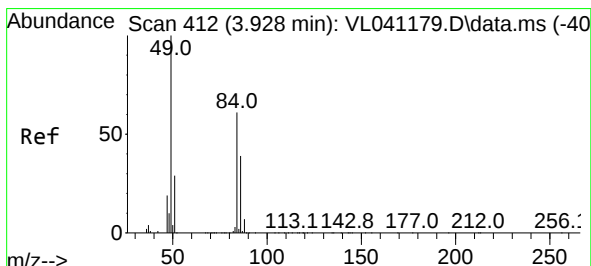
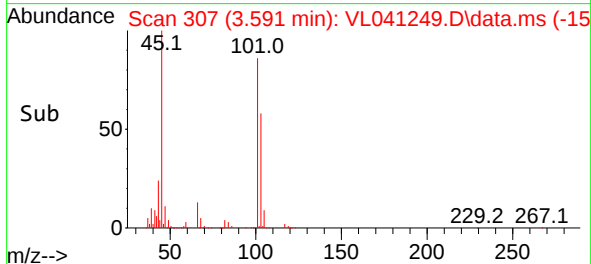
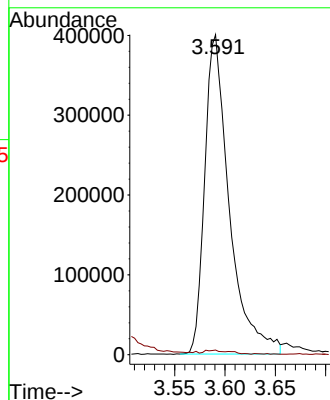
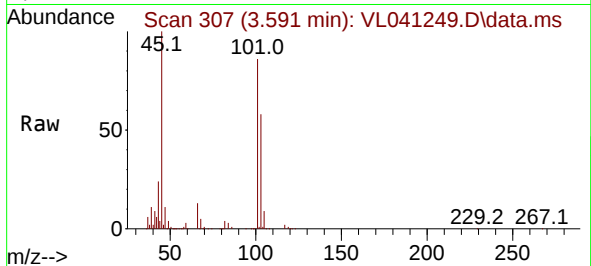
#19
Isopropyl Alcohol
Concen: 10.712 ppbv
RT: 3.591 min Scan# 301
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 68098
Ion Ratio Lower Upper
45 100
58 2.1 26.8 40.2

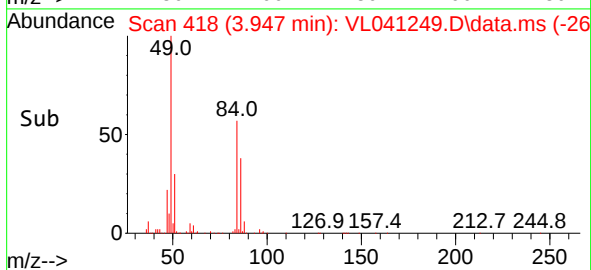
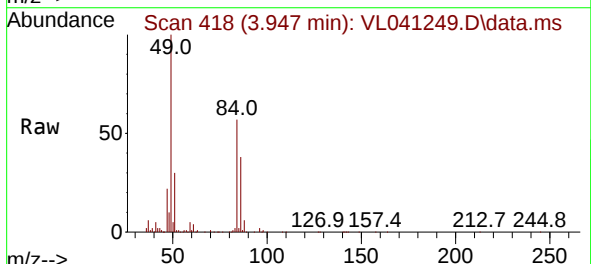
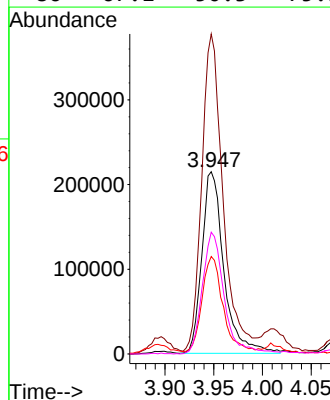
Manual Integrations
APPROVED

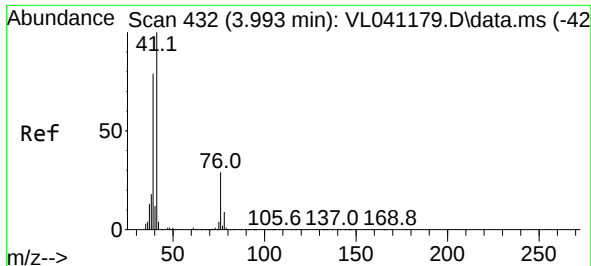
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#20
Methylene Chloride
Concen: 9.990 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

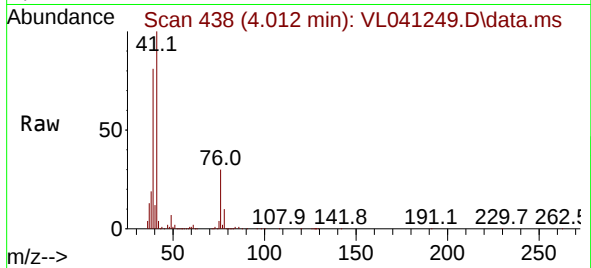
Tgt Ion: 84 Resp: 336562
Ion Ratio Lower Upper
84 100
49 174.3 130.4 195.6
51 52.1 38.0 57.0
86 67.1 50.3 75.5





#21
 Allyl Chloride
 Concen: 10.138 ppbv
 RT: 4.012 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041249.D
 Acq: 9 May 2024 8:46

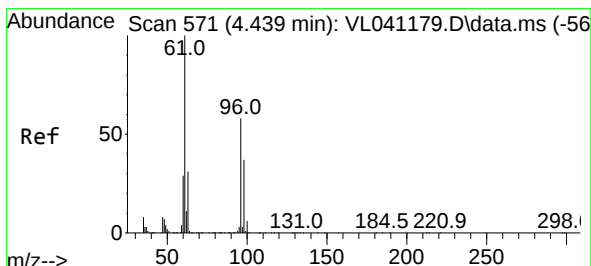
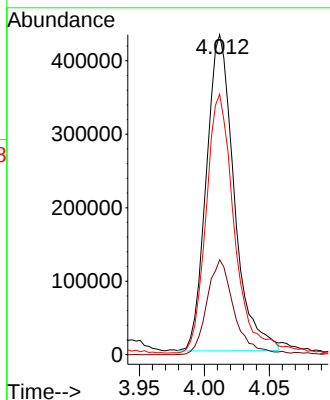
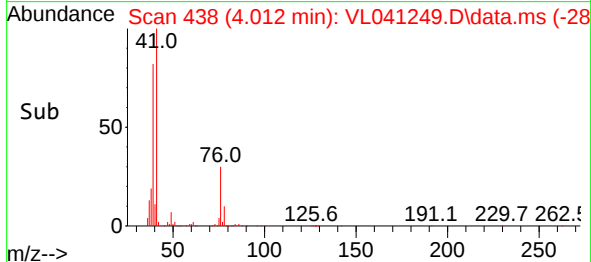
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



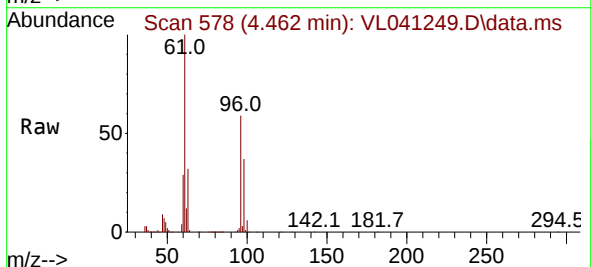
Tgt Ion: 41 Resp: 640458
 Ion Ratio Lower Upper
 41 100
 76 29.9 23.7 35.5
 39 85.3 64.7 97.1

Manual Integrations
 APPROVED

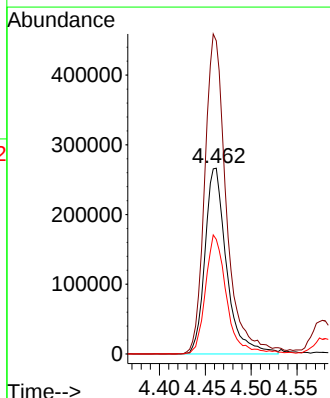
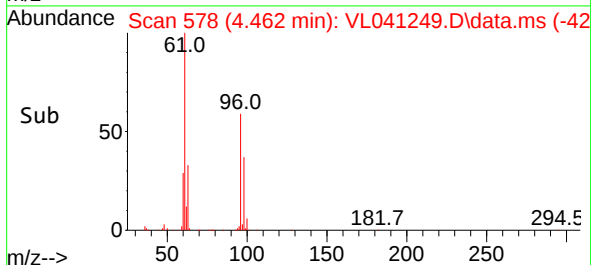
Reviewed By :Semsettin Yesilyurt 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024

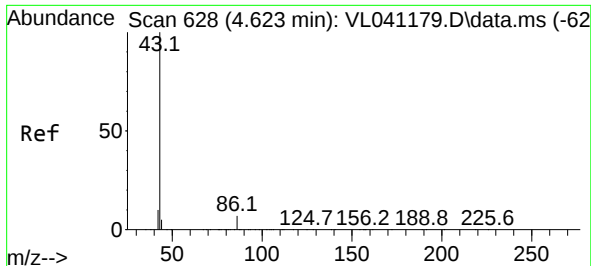


#22
 trans-1,2-Dichloroethene
 Concen: 11.278 ppbv
 RT: 4.462 min Scan# 578
 Delta R.T. 0.000 min
 Lab File: VL041249.D
 Acq: 9 May 2024 8:46



Tgt Ion: 96 Resp: 436434
 Ion Ratio Lower Upper
 96 100
 61 168.5 137.6 206.4
 98 61.6 50.6 76.0





#23
 Vinyl Acetate
 Concen: 10.481 ppbv
 RT: 4.639 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: VL041249.D
 Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

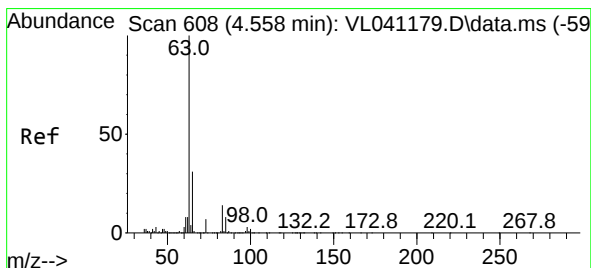
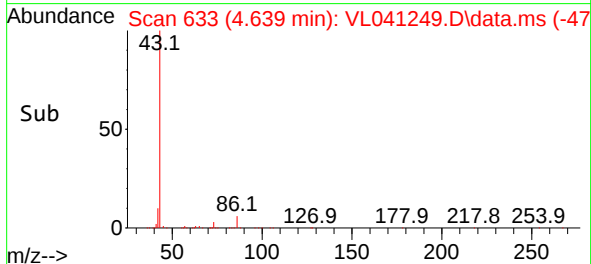
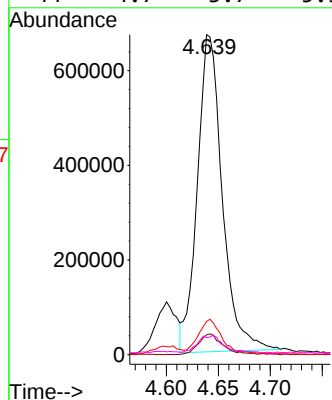
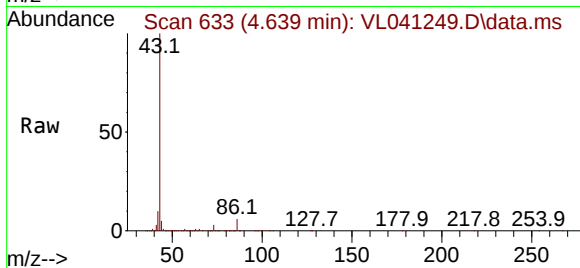
VSTDCCC010

Tgt Ion: 43 Resp: 1118175
 Ion Ratio Lower Upper
 43 100
 86 6.3 4.9 7.3
 42 10.2 8.0 12.0
 44 4.7 3.7 5.5

Manual Integrations

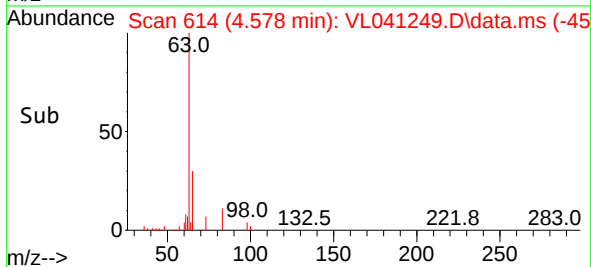
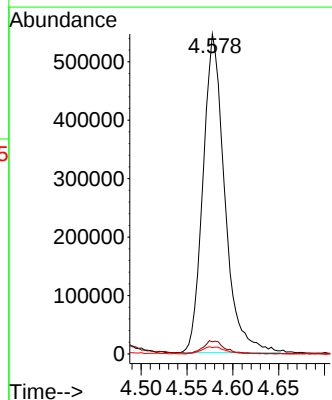
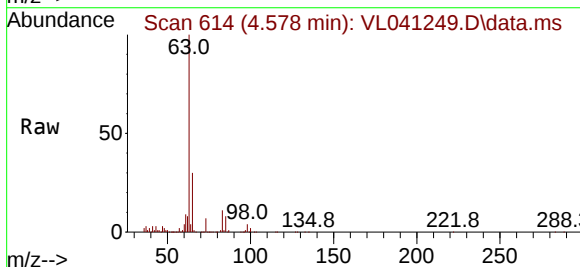
APPROVED

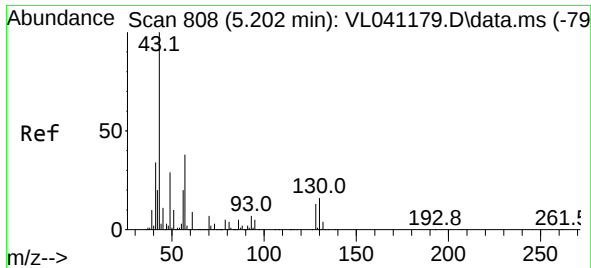
Reviewed By :Semsettin Yesilyurt 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024



#24
 1,1-Dichloroethane
 Concen: 10.840 ppbv
 RT: 4.578 min Scan# 614
 Delta R.T. 0.000 min
 Lab File: VL041249.D
 Acq: 9 May 2024 8:46

Tgt Ion: 63 Resp: 899275
 Ion Ratio Lower Upper
 63 100
 98 3.7 1.6 4.8
 100 2.0 1.1 3.5





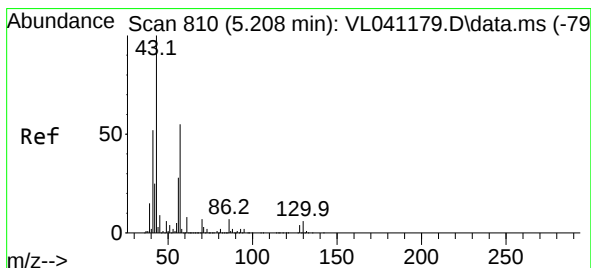
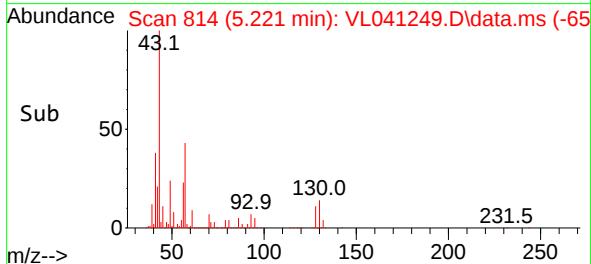
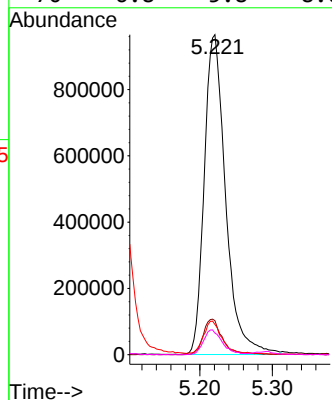
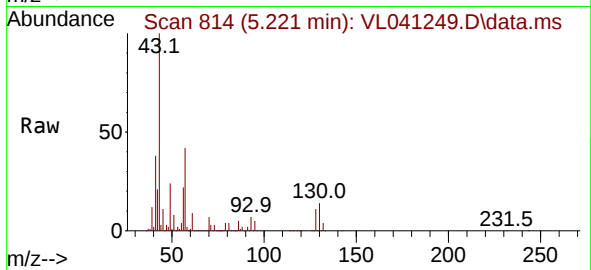
#25
Ethyl Acetate
Concen: 10.218 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 197589
Ion Ratio Lower Upper
43 100
45 10.1 8.2 12.2
61 9.8 7.7 11.5
70 6.8 5.8 8.6

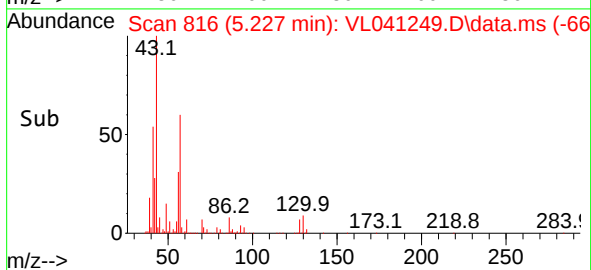
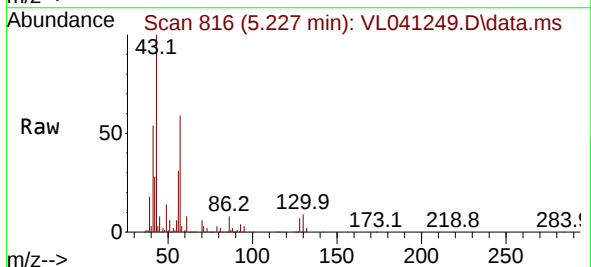
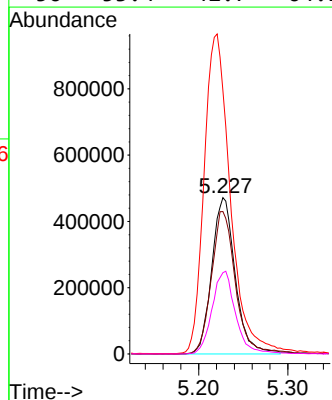
Manual Integrations
APPROVED

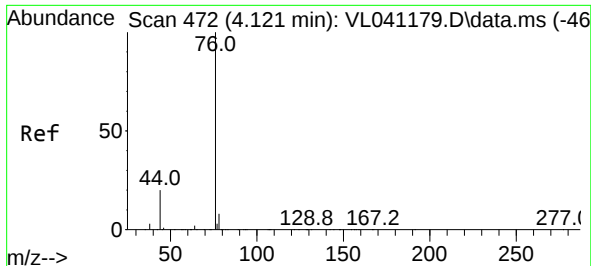
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#26
Hexane
Concen: 9.986 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Tgt Ion: 57 Resp: 861763
Ion Ratio Lower Upper
57 100
41 94.4 75.8 113.8
43 231.6 187.0 280.4
56 53.4 42.7 64.1





#27

Carbon Disulfide

Concen: 10.754 ppbv

RT: 4.140 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 109860

Ion Ratio Lower Upper

76 100

44 22.2 16.3 24.5

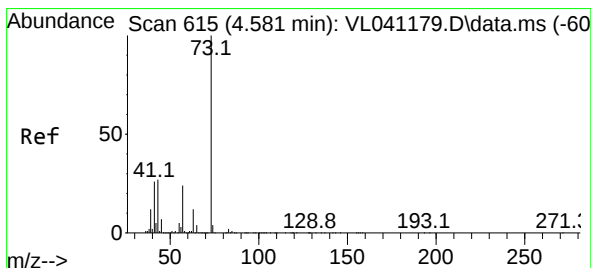
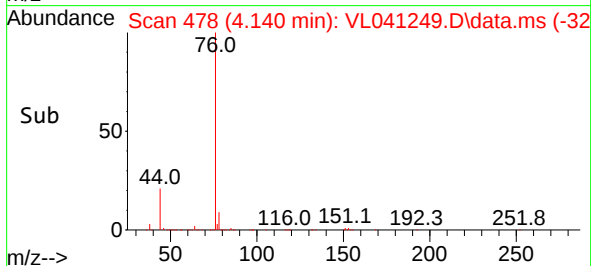
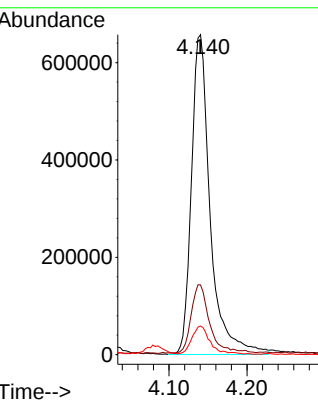
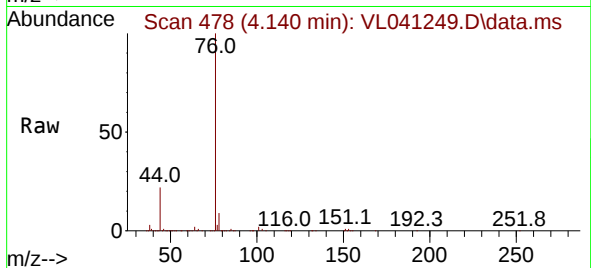
78 8.9 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#28

Methyl tert-Butyl Ether

Concen: 9.629 ppbv

RT: 4.600 min Scan# 621

Delta R.T. 0.000 min

Lab File: VL041249.D

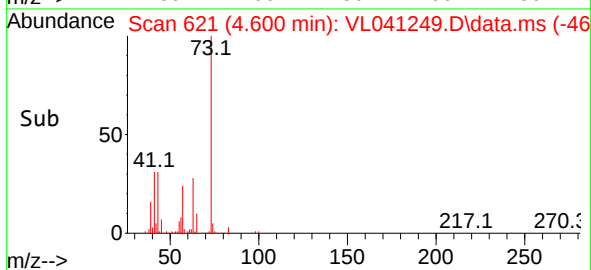
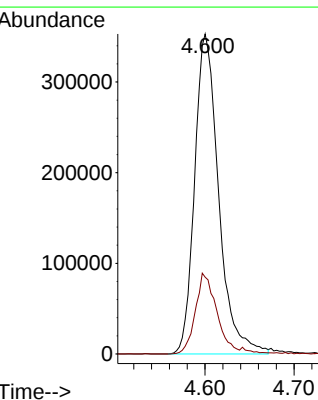
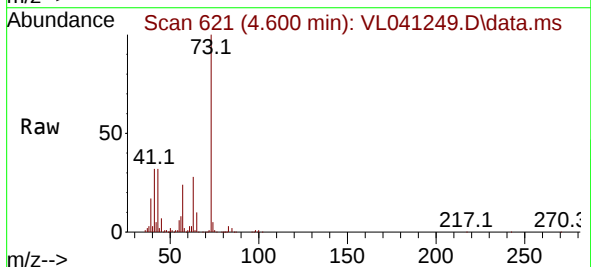
Acq: 9 May 2024 8:46

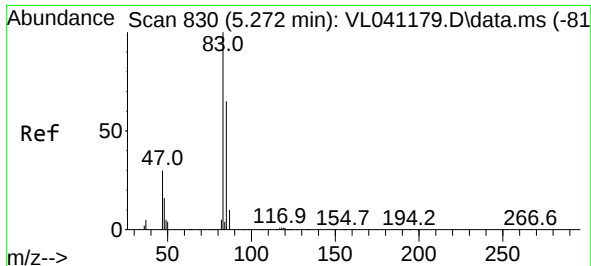
Tgt Ion: 73 Resp: 661617

Ion Ratio Lower Upper

73 100

57 23.5 18.8 28.2





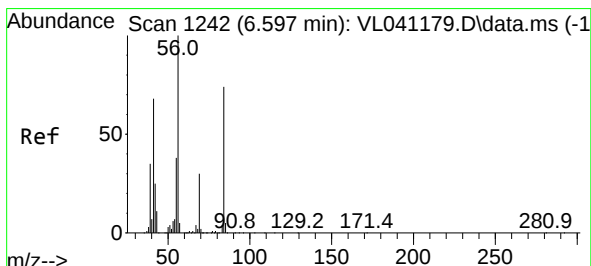
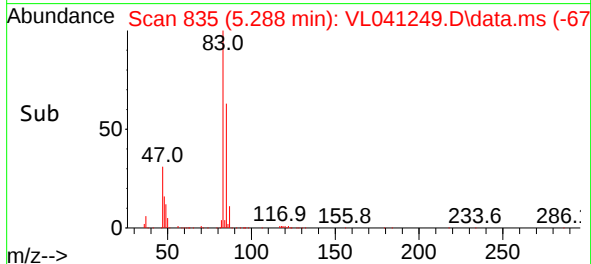
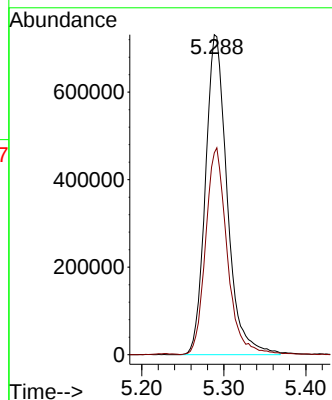
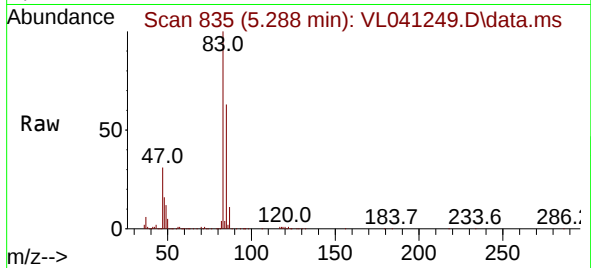
#29
Chloroform
Concen: 11.310 ppbv
RT: 5.288 min Scan# 830
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1346439
Ion Ratio Lower Upper
83 100
85 62.9 51.7 77.5

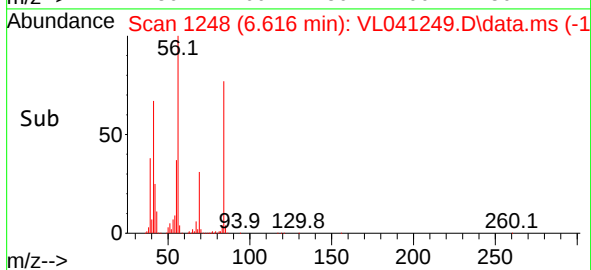
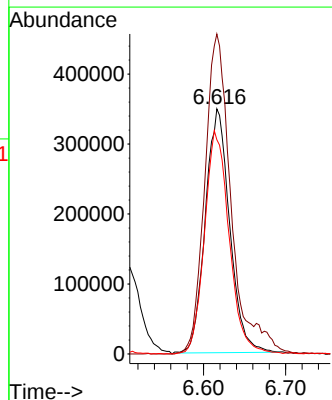
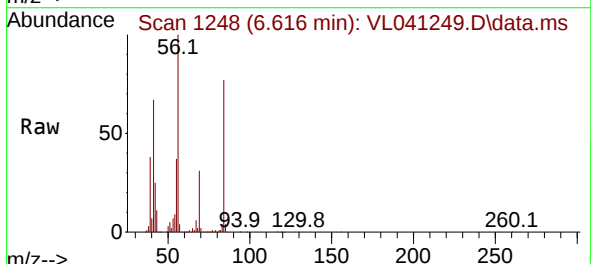
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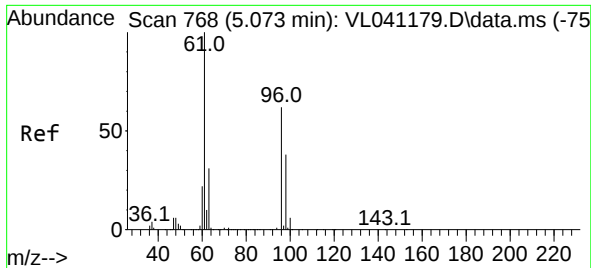
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#30
Cyclohexane
Concen: 10.533 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

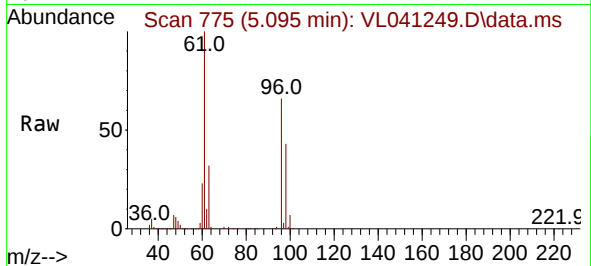
Tgt Ion: 84 Resp: 719501
Ion Ratio Lower Upper
84 100
56 142.8 116.8 175.2
41 92.8 73.8 110.8





#31
 cis-1,2-Dichloroethene
 Concen: 10.668 ppbv
 RT: 5.095 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL041249.D
 Acq: 9 May 2024 8:46

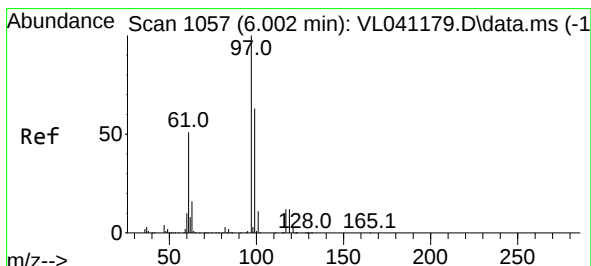
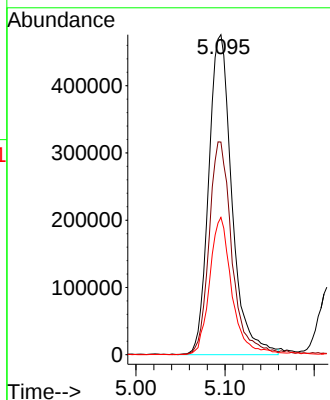
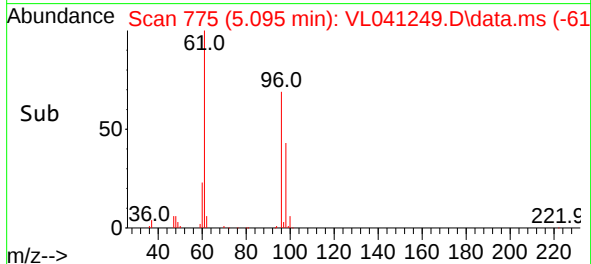
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 61 Resp: 861827
 Ion Ratio Lower Upper
 61 100
 96 66.4 49.8 74.6
 98 42.9 30.0 45.0

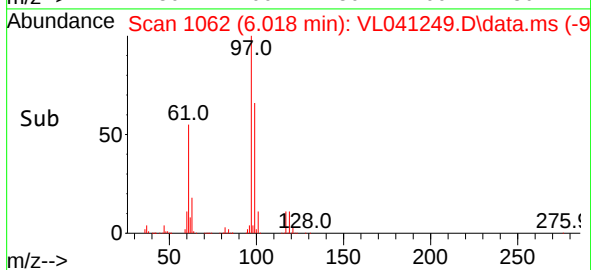
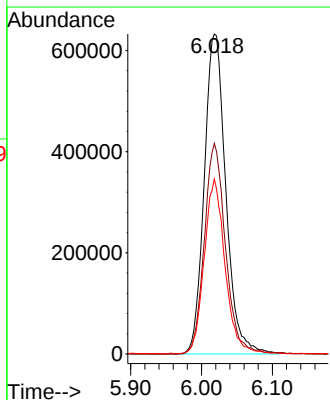
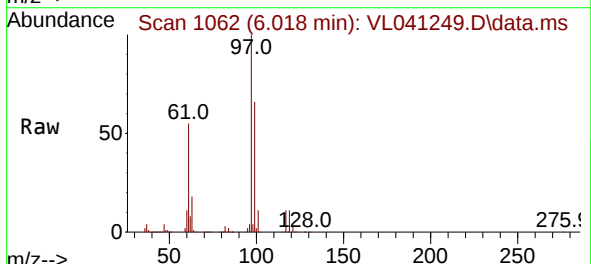
Manual Integrations
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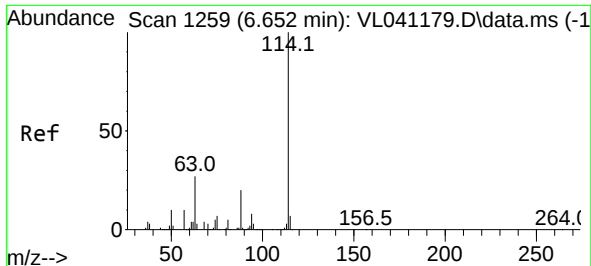
Reviewed By :Semsettin Yesilyurt 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024



#32
 1,1,1-Trichloroethane
 Concen: 11.271 ppbv
 RT: 6.018 min Scan# 1062
 Delta R.T. 0.000 min
 Lab File: VL041249.D
 Acq: 9 May 2024 8:46

Tgt Ion: 97 Resp: 1338829
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.7 77.5
 61 53.2 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 217927

Ion Ratio Lower Upper

114 100

63 25.7 21.8 32.6

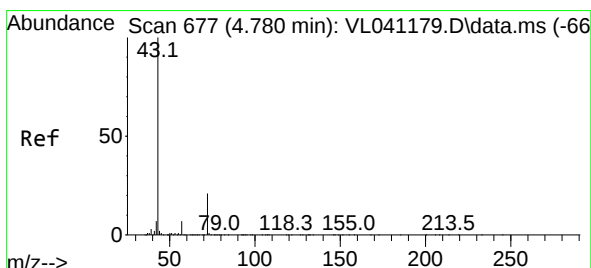
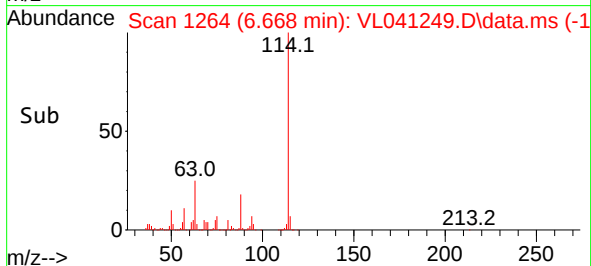
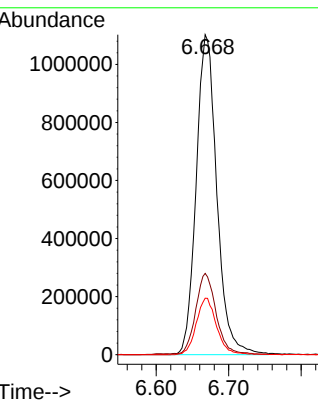
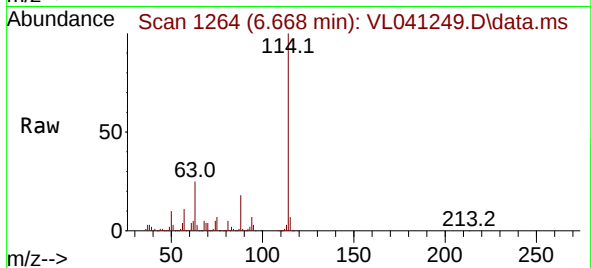
88 17.5 15.2 22.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#34

2-Butanone

Concen: 9.624 ppbv

RT: 4.799 min Scan# 683

Delta R.T. 0.000 min

Lab File: VL041249.D

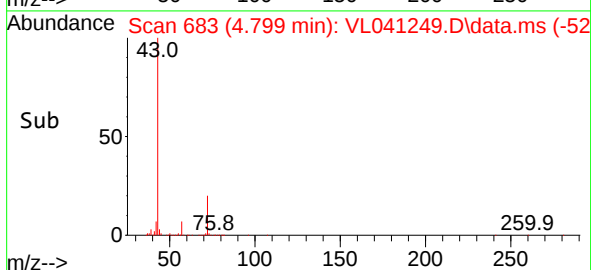
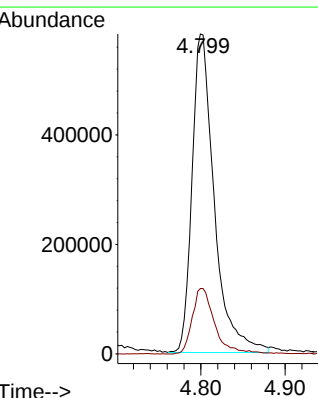
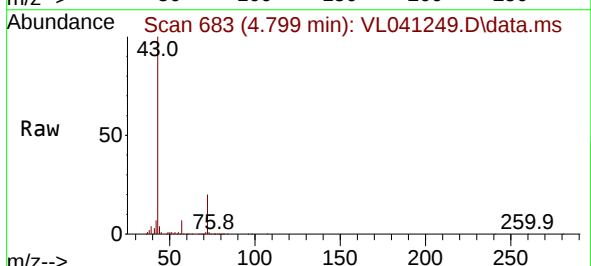
Acq: 9 May 2024 8:46

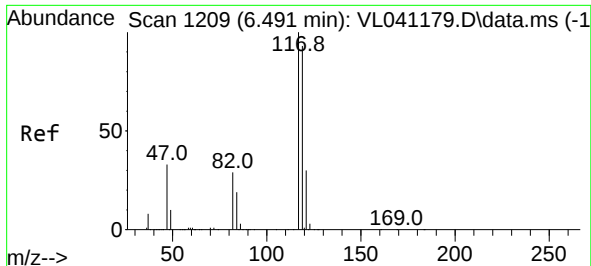
Tgt Ion: 43 Resp: 1067522

Ion Ratio Lower Upper

43 100

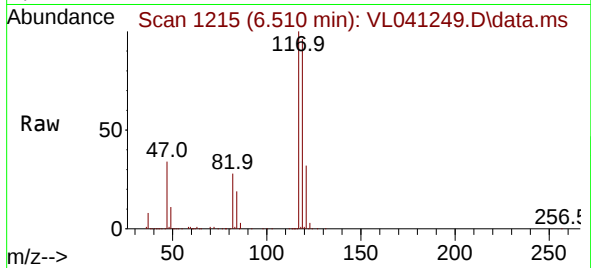
72 21.1 17.3 25.9





#35
Carbon Tetrachloride
Concen: 11.243 ppbv
RT: 6.510 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

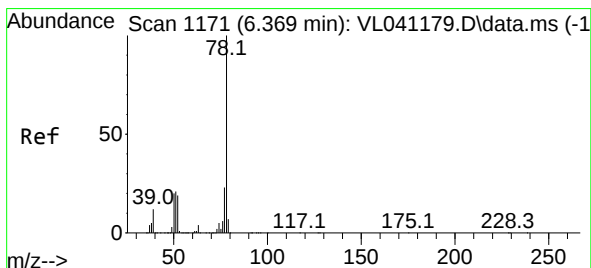
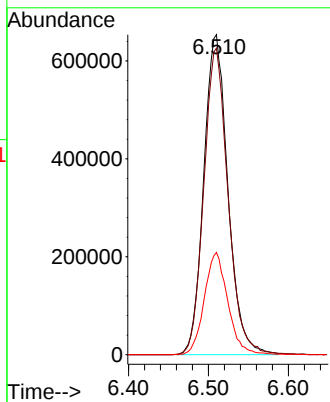
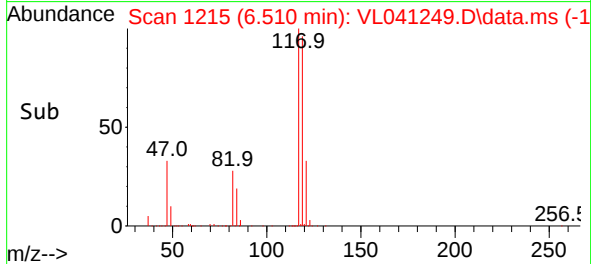
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 1375094
Ion Ratio Lower Upper
117 100
119 95.6 74.3 111.5
121 31.9 23.8 35.8

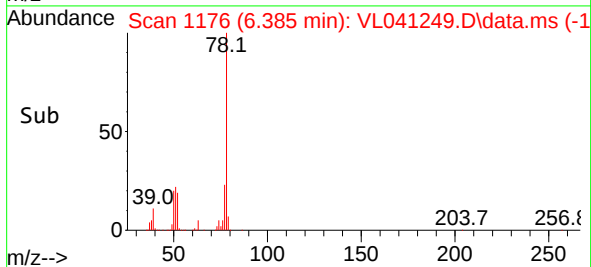
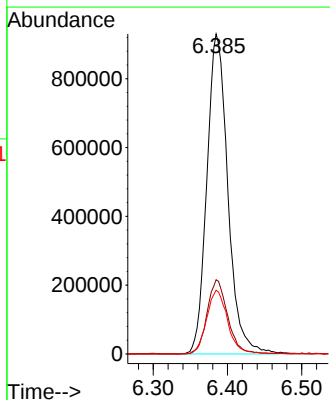
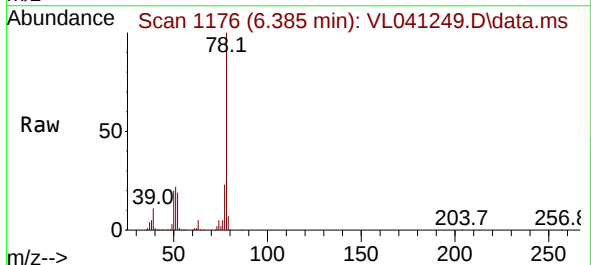
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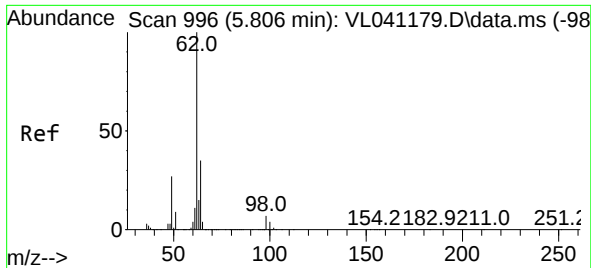
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#36
Benzene
Concen: 10.000 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Tgt Ion: 78 Resp: 1828785
Ion Ratio Lower Upper
78 100
77 23.2 18.3 27.5
50 19.8 15.9 23.9





#37

1,2-Dichloroethane

Concen: 11.038 ppbv

RT: 5.822 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 1053250

Ion Ratio Lower Upper

62 100

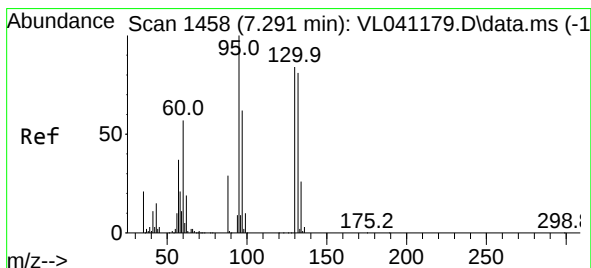
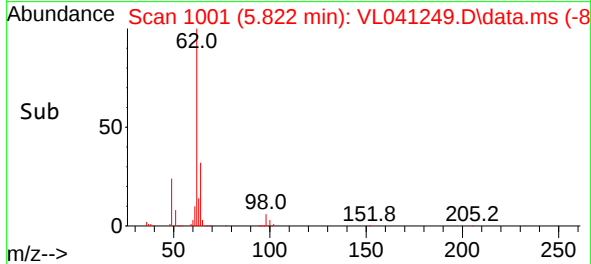
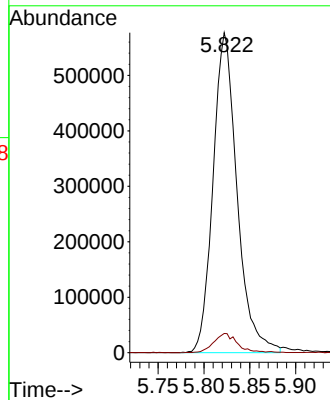
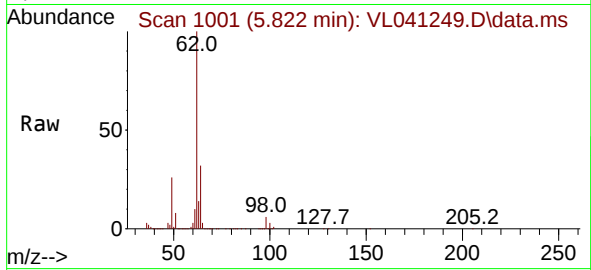
98 6.0 5.0 7.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#38

Trichloroethene

Concen: 10.427 ppbv

RT: 7.307 min Scan# 1463

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Tgt Ion:130 Resp: 710622

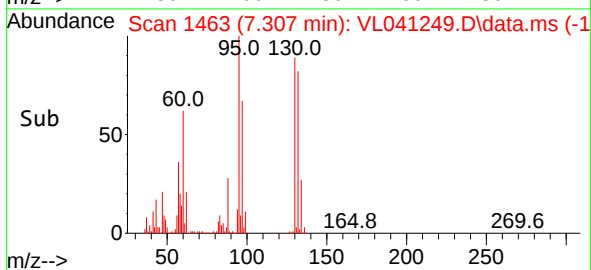
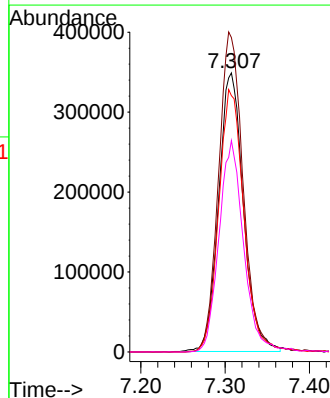
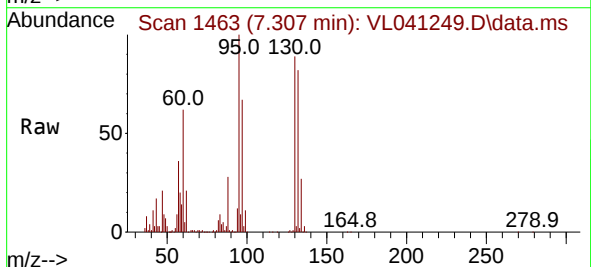
Ion Ratio Lower Upper

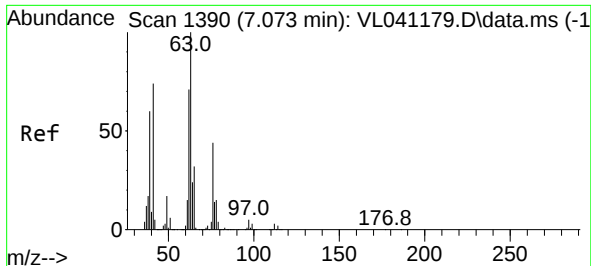
130 100

95 112.9 95.0 142.6

132 92.0 77.0 115.4

97 75.9 59.1 88.7





#39

1,2-Dichloropropane

Concen: 9.905 ppbv

RT: 7.089 min Scan# 1390

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

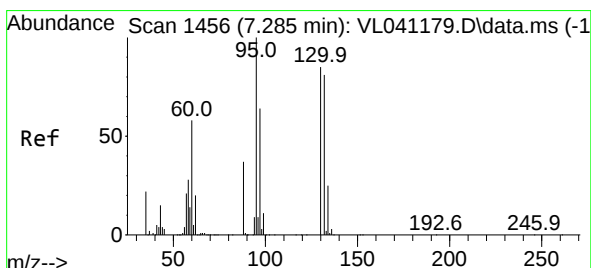
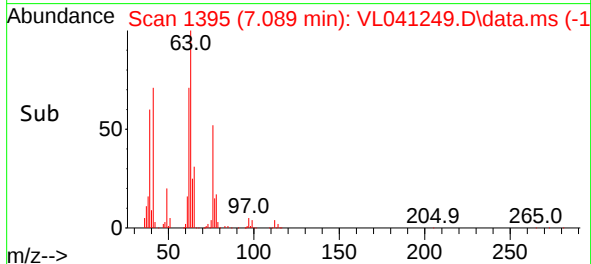
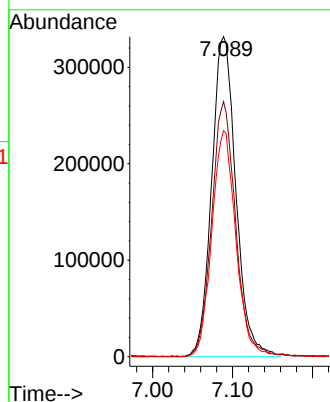
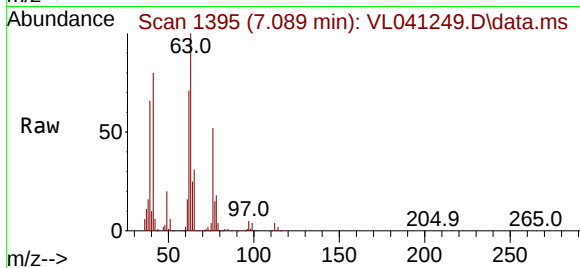
Tgt Ion: 63 Resp: 698098

Ion	Ratio	Lower	Upper
63	100		
41	79.6	59.4	89.0
62	70.6	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#40

1,4-Dioxane

Concen: 10.772 ppbv

RT: 7.298 min Scan# 1460

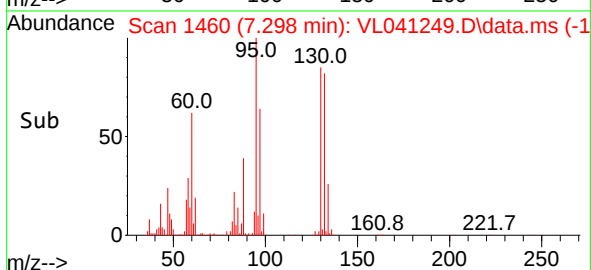
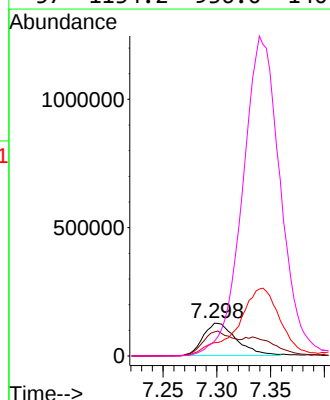
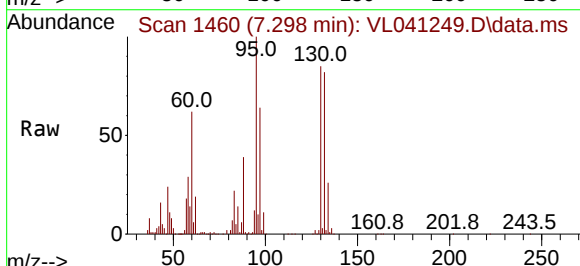
Delta R.T. 0.000 min

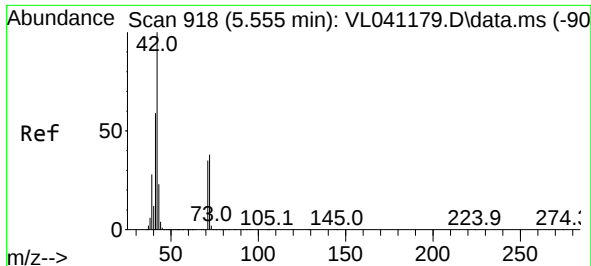
Lab File: VL041249.D

Acq: 9 May 2024 8:46

Tgt Ion: 88 Resp: 271241

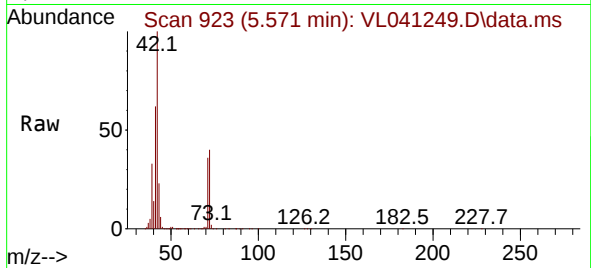
Ion	Ratio	Lower	Upper
88	100		
58	129.0	106.1	159.1
43	270.8	219.8	329.6
57	1134.2	936.0	1404.0





#41
Tetrahydrofuran
Concen: 9.335 ppbv
RT: 5.571 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

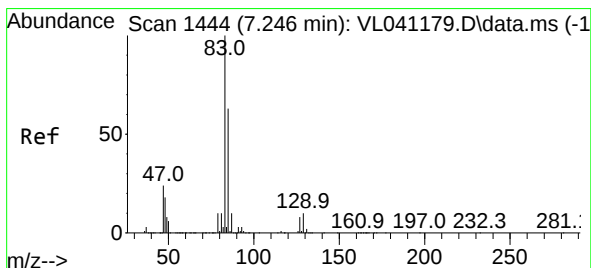
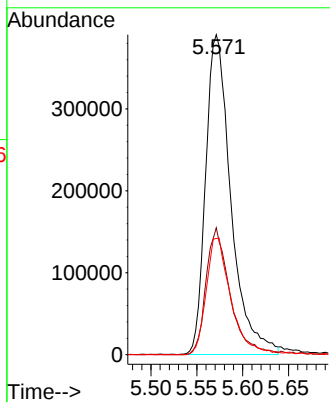
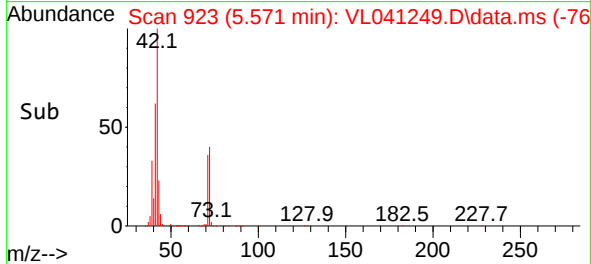
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



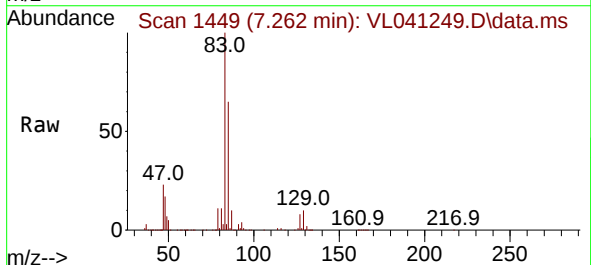
Tgt Ion: 42 Resp: 749610
Ion Ratio Lower Upper
42 100
72 38.4 29.4 44.0
71 36.4 29.1 43.7

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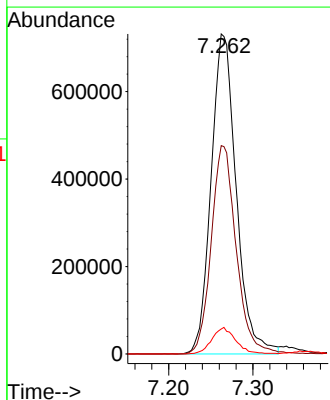
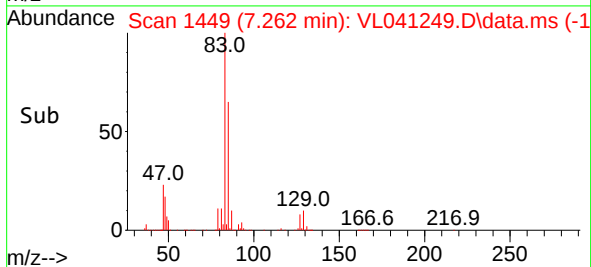
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

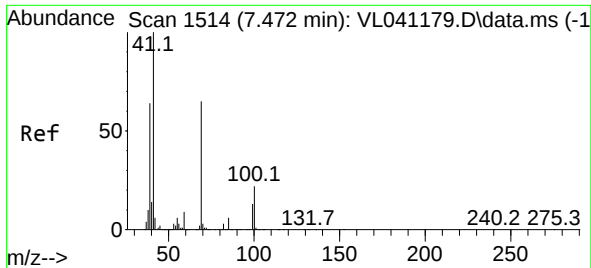


#42
Bromodichloromethane
Concen: 11.056 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46



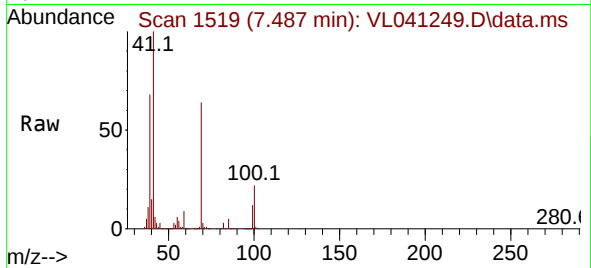
Tgt Ion: 83 Resp: 1513059
Ion Ratio Lower Upper
83 100
85 65.1 50.6 75.8
127 7.8 6.2 9.4





#43
Methyl Methacrylate
Concen: 9.834 ppbv
RT: 7.487 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

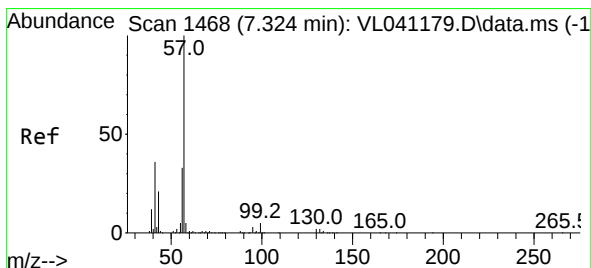
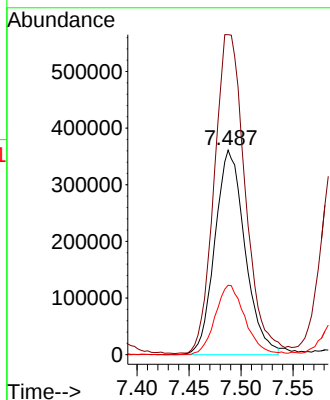
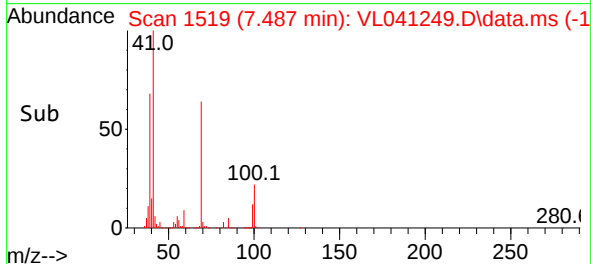
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



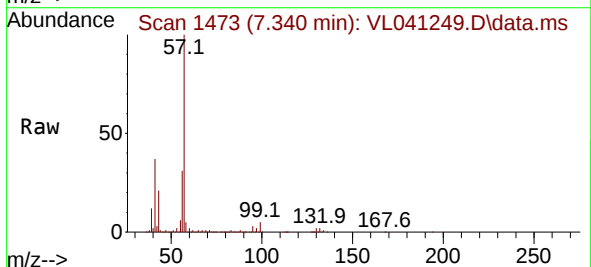
Tgt Ion: 69 Resp: 727418
Ion Ratio Lower Upper
69 100
41 162.5 125.2 187.8
100 33.8 26.7 40.1

Manual Integrations
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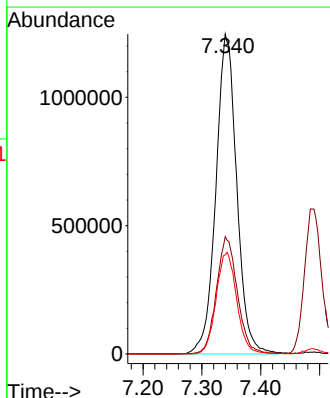
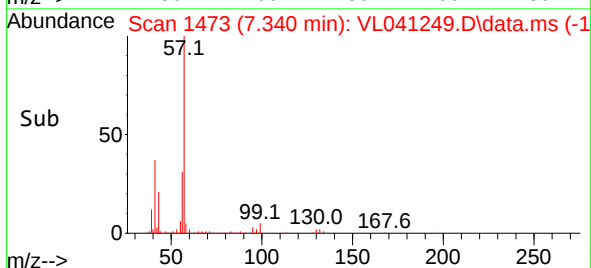
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

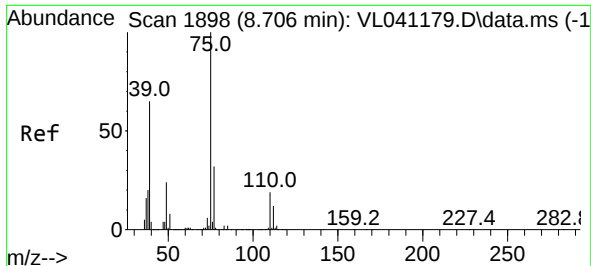


#44
2,2,4-Trimethylpentane
Concen: 9.742 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46



Tgt Ion: 57 Resp: 3071786
Ion Ratio Lower Upper
57 100
41 36.7 29.5 44.3
56 31.4 25.3 37.9





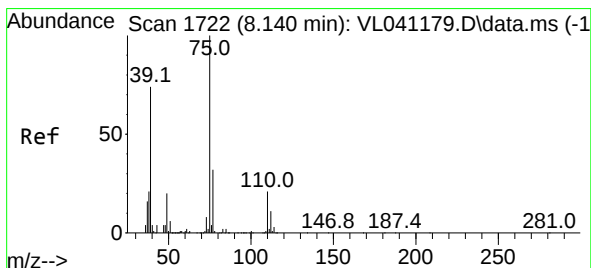
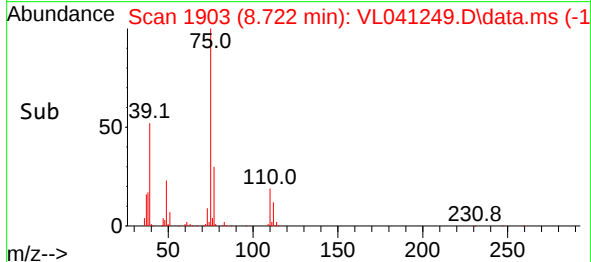
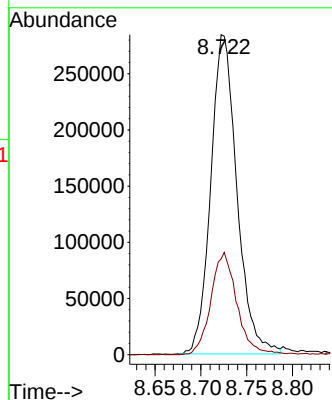
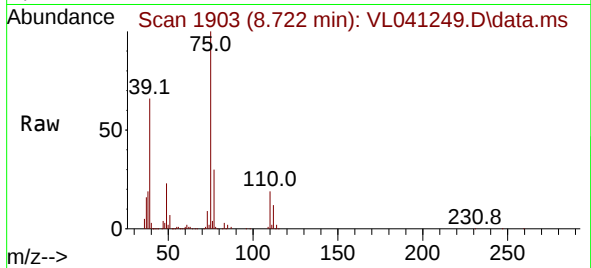
#45
t-1,3-Dichloropropene
Concen: 10.549 ppbv
RT: 8.722 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 565420
Ion Ratio Lower Upper
75 100
77 29.9 25.6 38.4

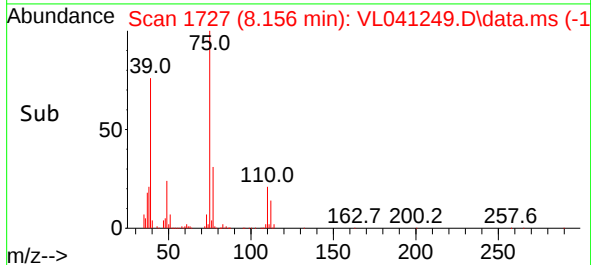
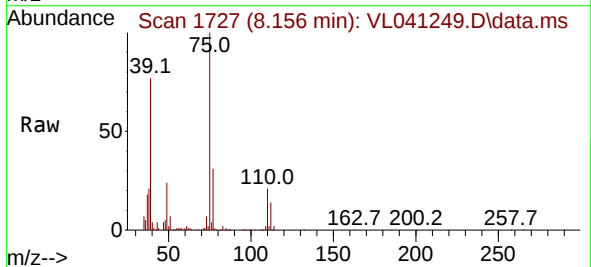
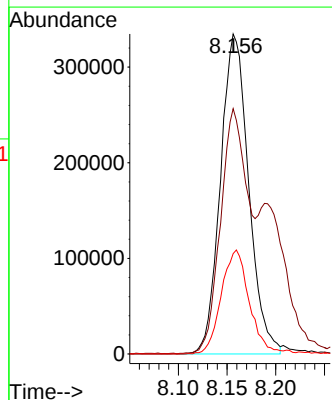
Manual Integrations
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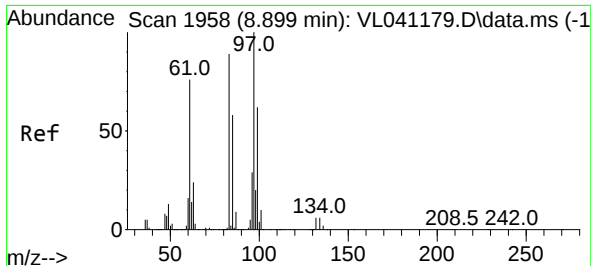
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#46
cis-1,3-Dichloropropene
Concen: 10.262 ppbv
RT: 8.156 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Tgt Ion: 75 Resp: 673402
Ion Ratio Lower Upper
75 100
39 76.5 59.4 89.2
77 31.3 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 10.622 ppbv

RT: 8.915 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 749348

Ion Ratio Lower Upper

97 100

83 88.8 71.2 106.8

85 55.1 46.0 69.0

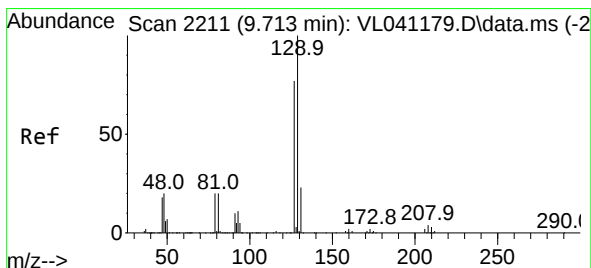
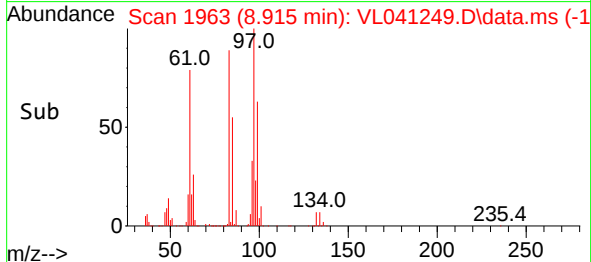
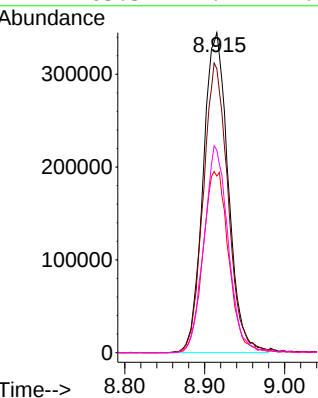
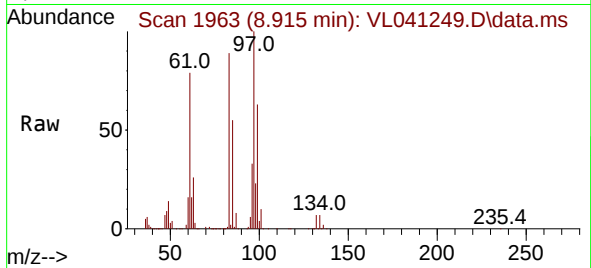
99 63.3 49.7 74.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#48

Dibromochloromethane

Concen: 11.315 ppbv

RT: 9.725 min Scan# 2215

Delta R.T. 0.000 min

Lab File: VL041249.D

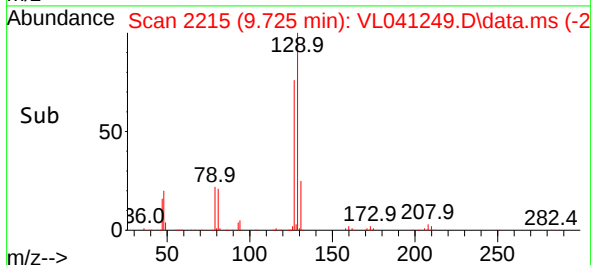
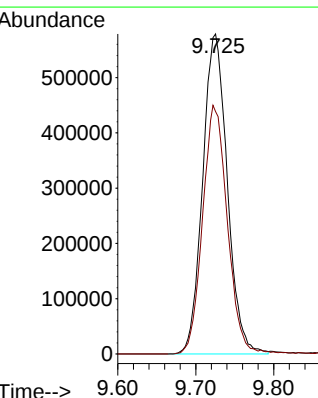
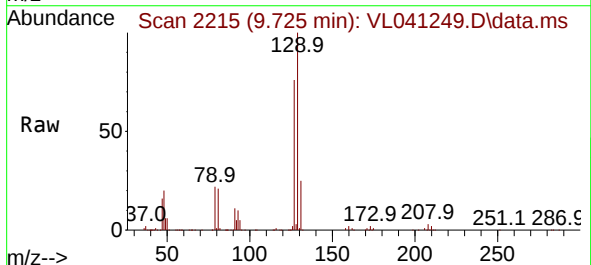
Acq: 9 May 2024 8:46

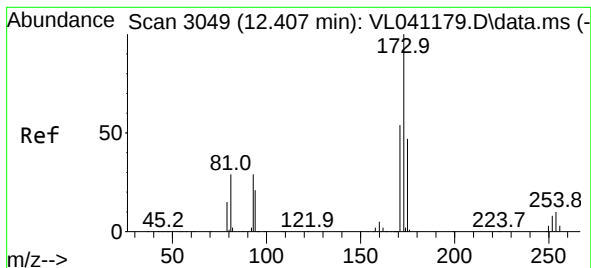
Tgt Ion:129 Resp: 1271834

Ion Ratio Lower Upper

129 100

127 78.7 39.1 117.5





#49

Bromoform

Concen: 11.085 ppbv

RT: 12.420 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 105989

Ion Ratio Lower Upper

173 100

175 48.5 39.8 59.8

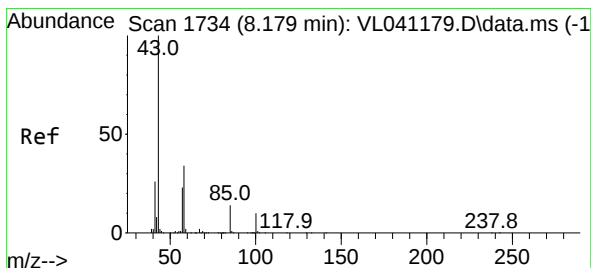
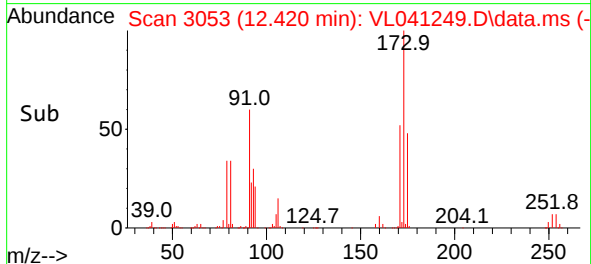
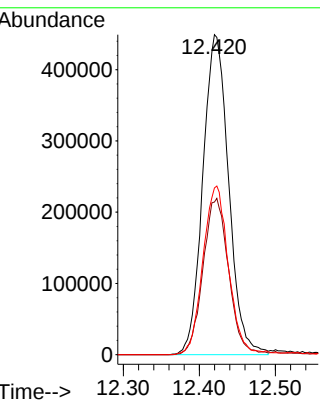
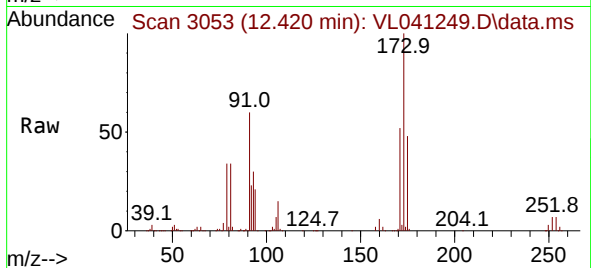
171 52.9 41.8 62.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#50

4-Methyl-2-Pentanone

Concen: 9.691 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.000 min

Lab File: VL041249.D

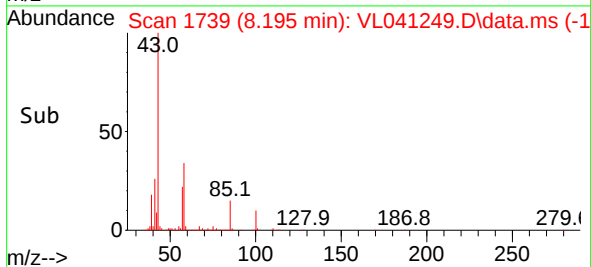
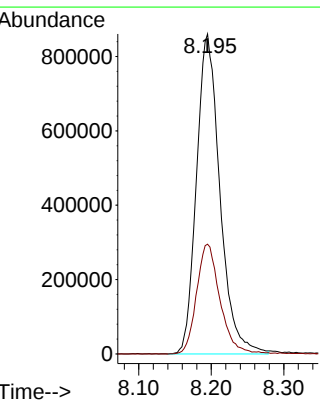
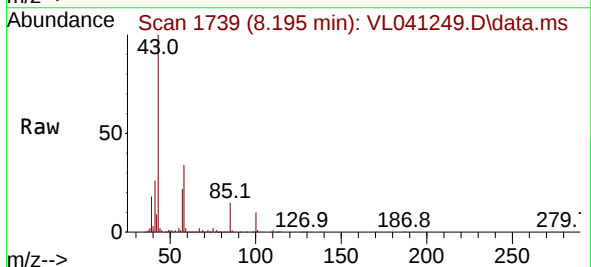
Acq: 9 May 2024 8:46

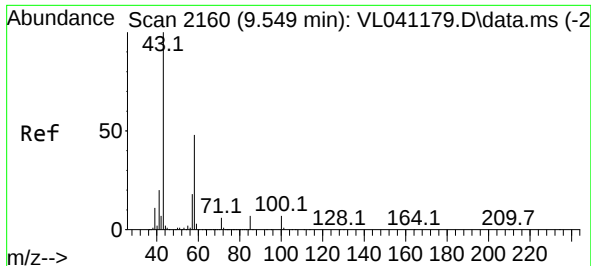
Tgt Ion: 43 Resp: 1929006

Ion Ratio Lower Upper

43 100

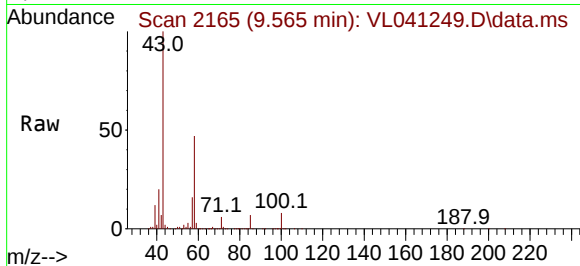
58 34.6 27.7 41.5





#51
2-Hexanone
Concen: 9.608 ppbv
RT: 9.565 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

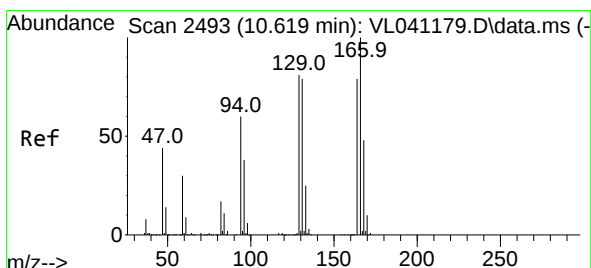
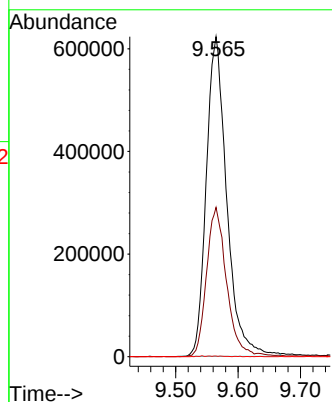
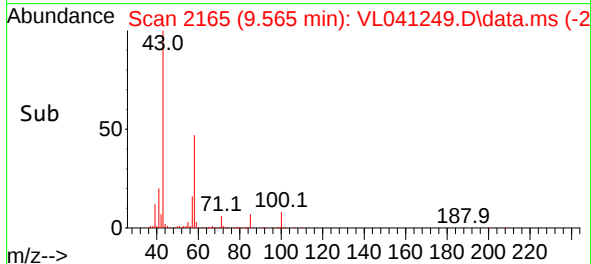
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



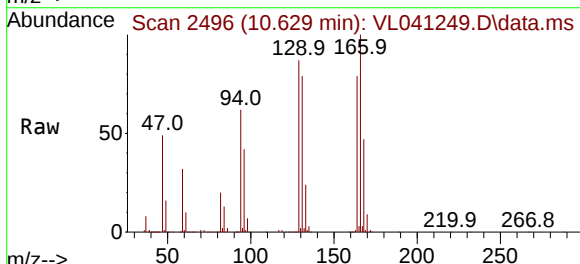
Tgt Ion: 43 Resp: 141863
Ion Ratio Lower Upper
43 100
58 46.3 38.4 57.6
98 0.3 0.0 0.0

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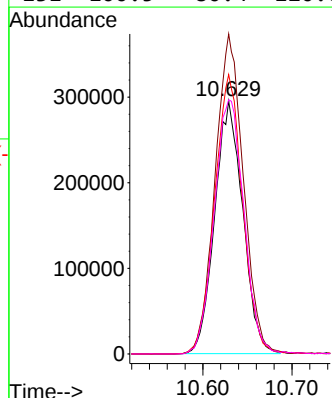
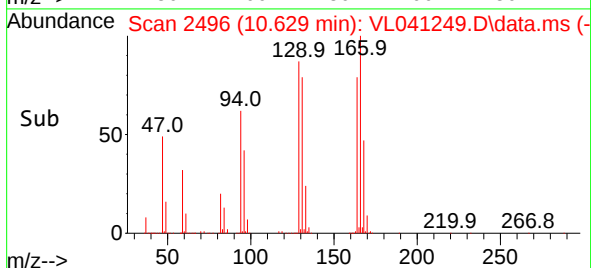
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

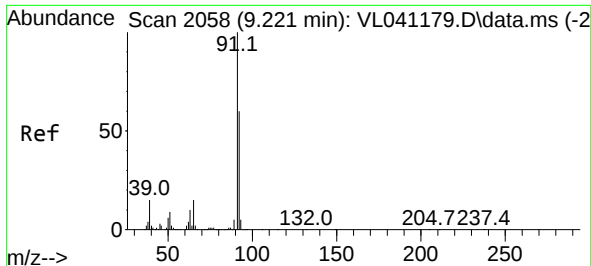


#52
Tetrachloroethene
Concen: 10.030 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46



Tgt Ion:164 Resp: 644730
Ion Ratio Lower Upper
164 100
166 126.7 101.1 151.7
129 110.4 81.7 122.5
131 100.5 80.4 120.6





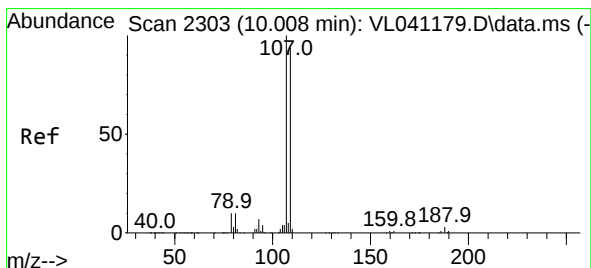
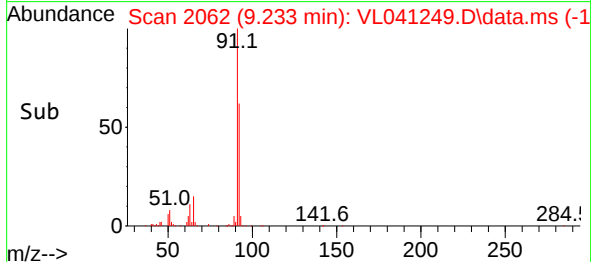
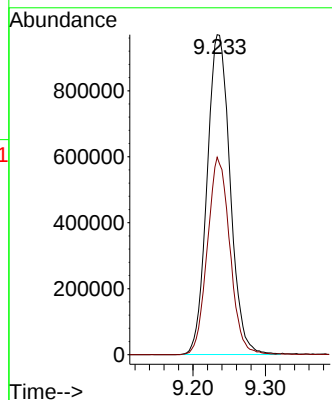
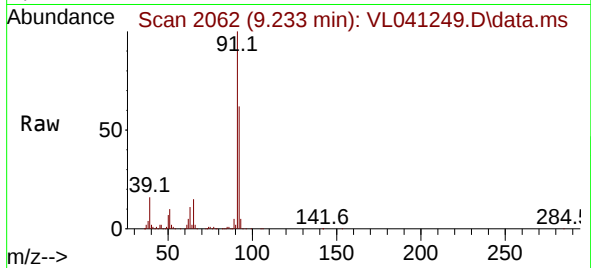
#53
Toluene
Concen: 10.095 ppbv
RT: 9.233 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 214062
Ion Ratio Lower Upper
91 100
92 60.3 48.2 72.4

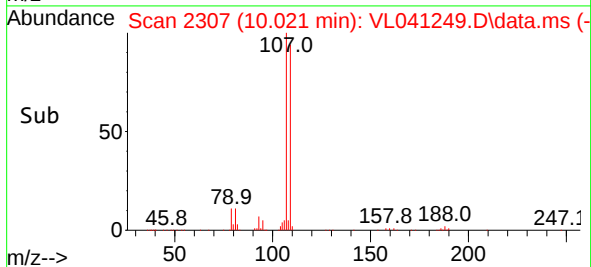
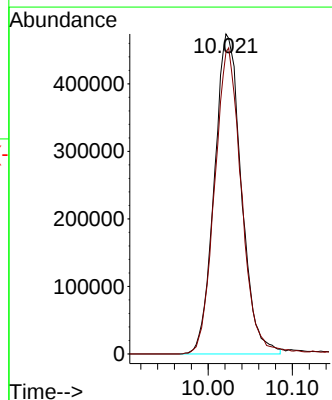
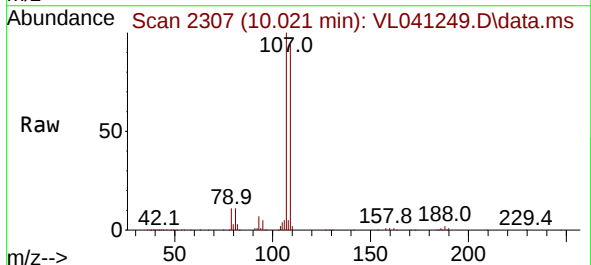
Manual Integrations
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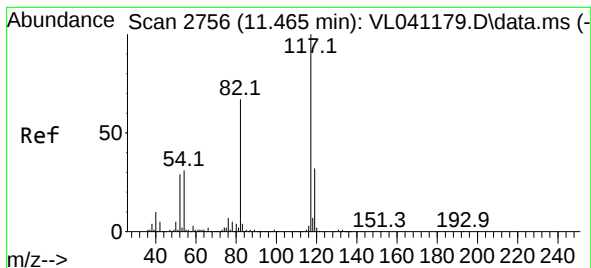
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#54
1,2-Dibromoethane
Concen: 11.013 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

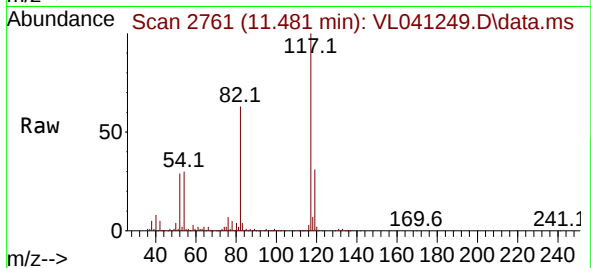
Tgt Ion:107 Resp: 1052284
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.481 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

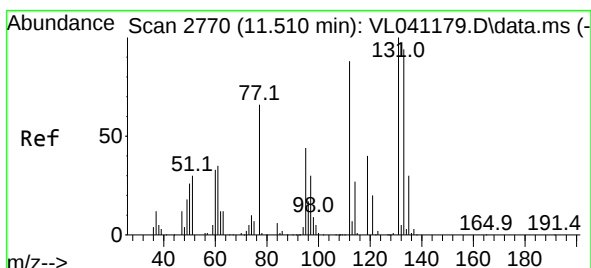
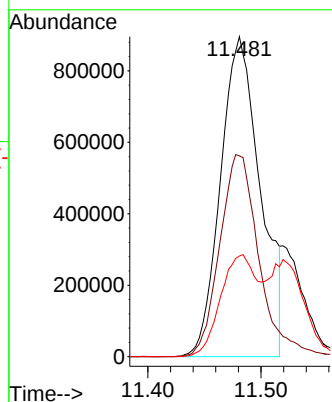
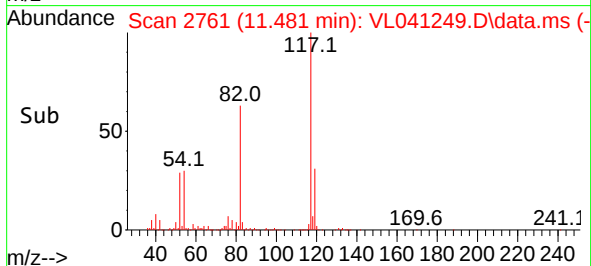
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



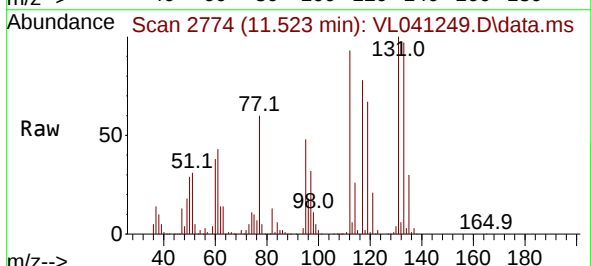
Tgt Ion:117 Resp: 219526
Ion Ratio Lower Upper
117 100
82 62.6 53.6 80.4
119 30.8 27.2 40.8

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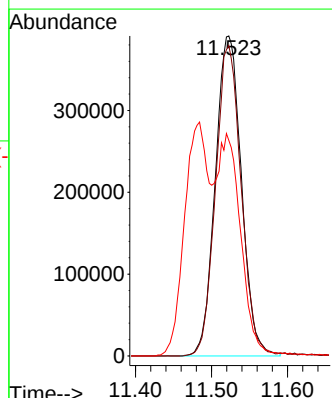
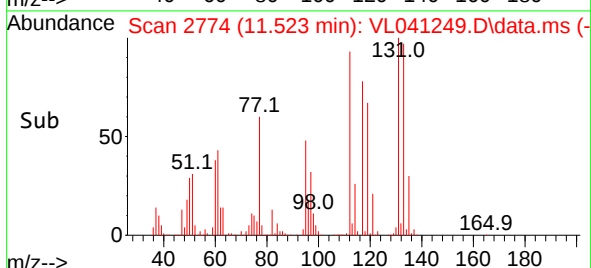
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

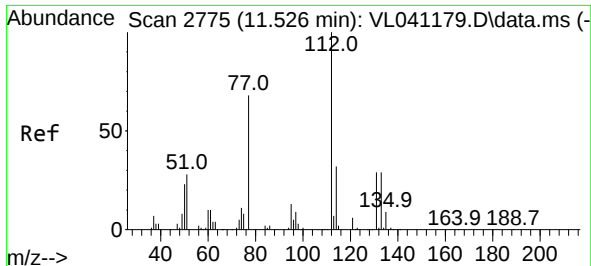


#56
1,1,1,2-Tetrachloroethane
Concen: 10.478 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46



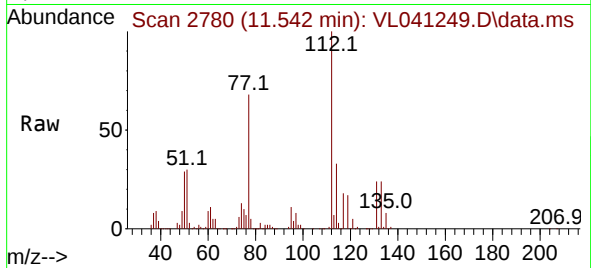
Tgt Ion:131 Resp: 932697
Ion Ratio Lower Upper
131 100
133 96.1 76.3 114.5
119 70.1 49.4 74.2





#57
Chlorobenzene
Concen: 9.935 ppbv
RT: 11.542 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

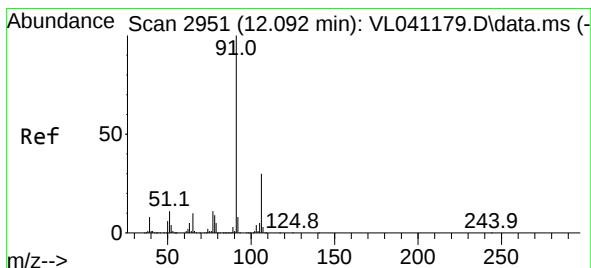
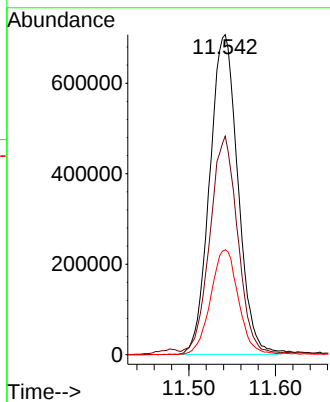
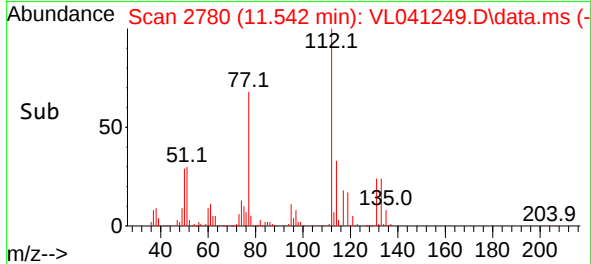
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 112 Resp: 159719
Ion Ratio Lower Upper
112 100
77 67.6 54.9 82.3
114 32.8 28.7 35.1

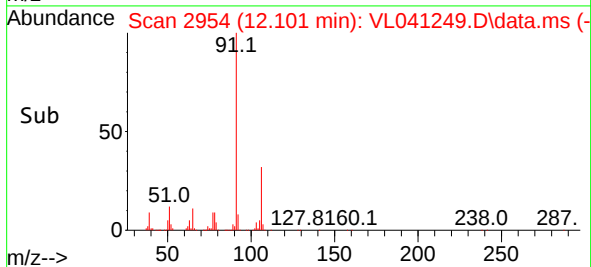
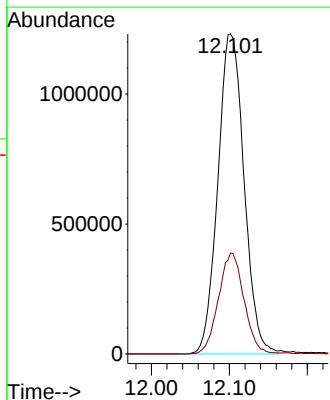
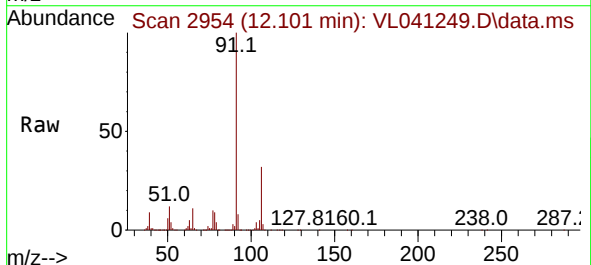
Manual Integrations
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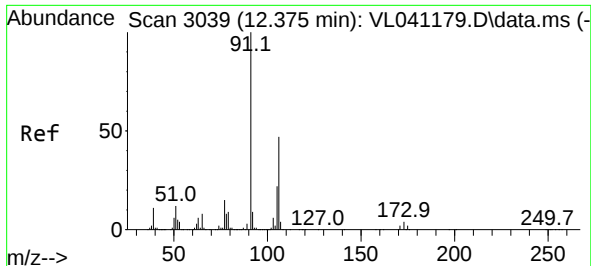
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#58
Ethyl Benzene
Concen: 9.557 ppbv
RT: 12.101 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Tgt Ion: 91 Resp: 2876713
Ion Ratio Lower Upper
91 100
106 31.6 24.3 36.5





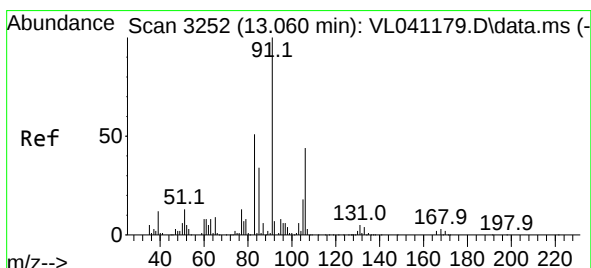
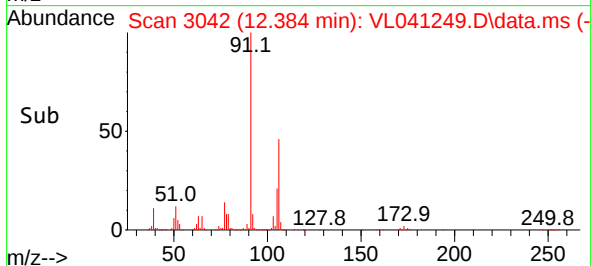
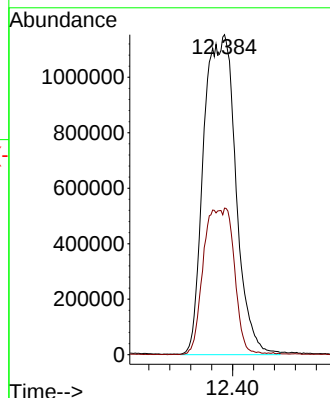
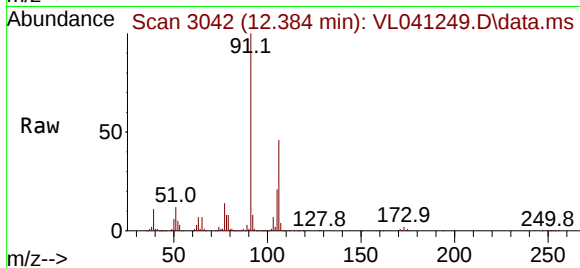
#59
m/p-Xylene
Concen: 19.336 ppbv m
RT: 12.384 min Scan# 3039
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 489188
Ion Ratio Lower Upper
91 100
106 44.2 35.7 53.5

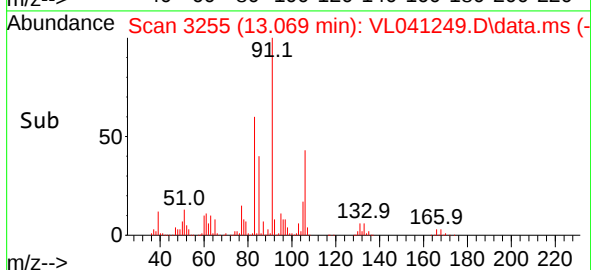
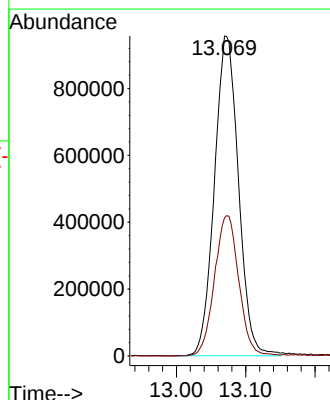
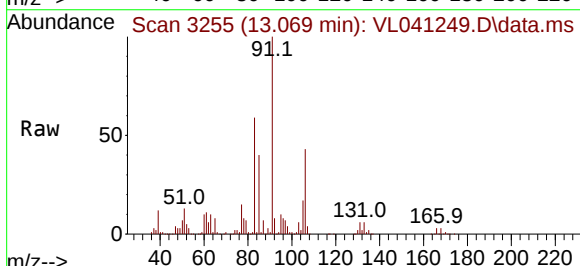
Manual Integrations
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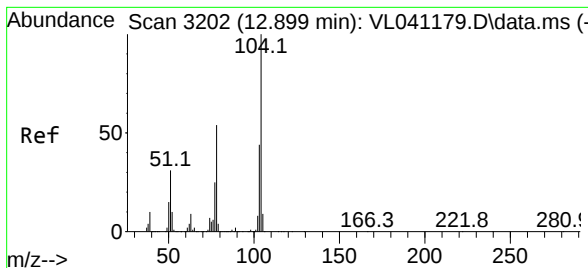
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#60
o-Xylene
Concen: 9.724 ppbv
RT: 13.069 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

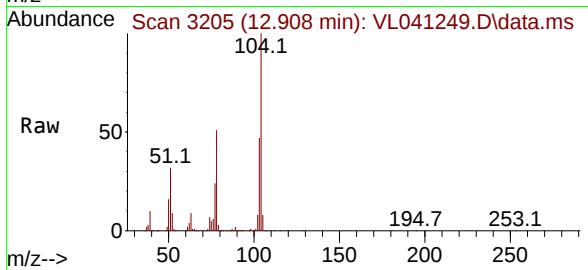
Tgt Ion: 91 Resp: 2306052
Ion Ratio Lower Upper
91 100
106 45.0 22.4 67.3





#61
Styrene
Concen: 10.102 ppbv
RT: 12.908 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

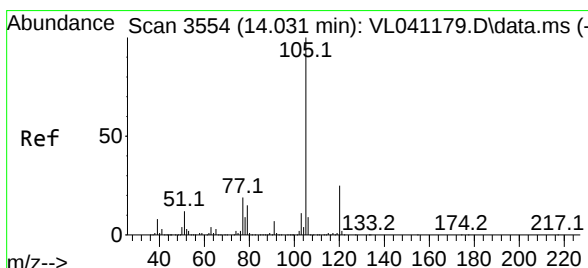
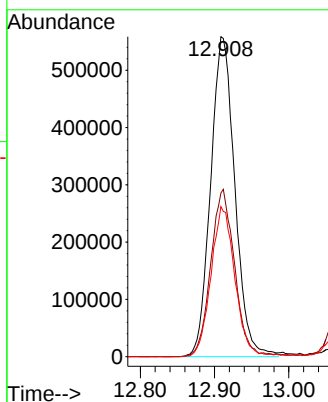
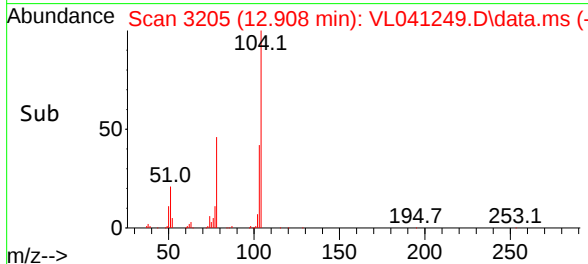
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



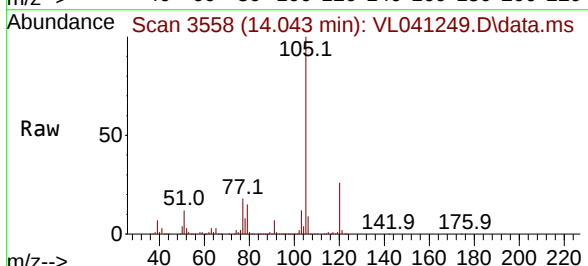
Tgt Ion:104 Resp: 126555
Ion Ratio Lower Upper
104 100
78 52.0 42.6 63.8
103 46.5 38.4 57.6

Manual Integrations
APPROVED

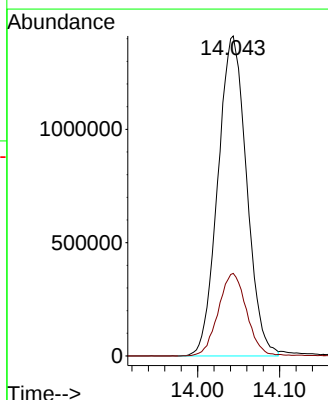
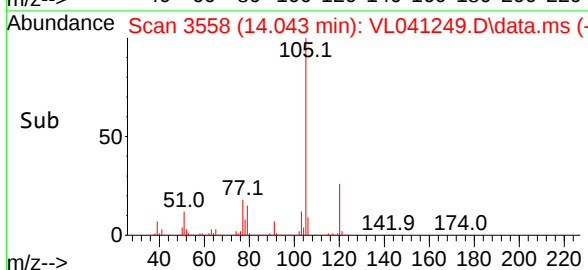
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

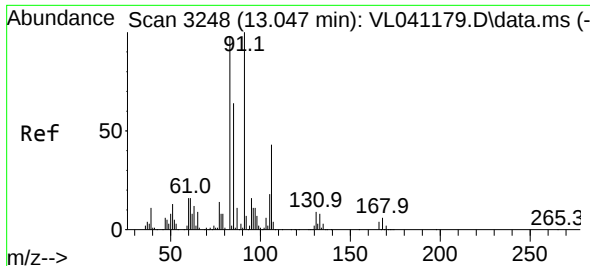


#62
Isopropylbenzene
Concen: 9.696 ppbv
RT: 14.043 min Scan# 3558
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46



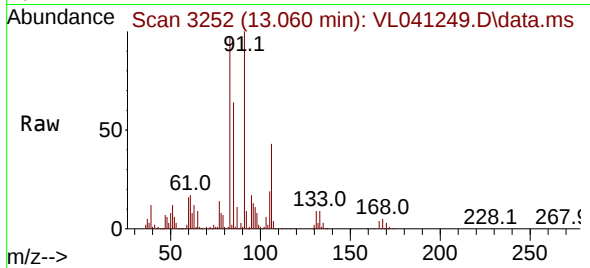
Tgt Ion:105 Resp: 3439295
Ion Ratio Lower Upper
105 100
120 25.7 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 9.933 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

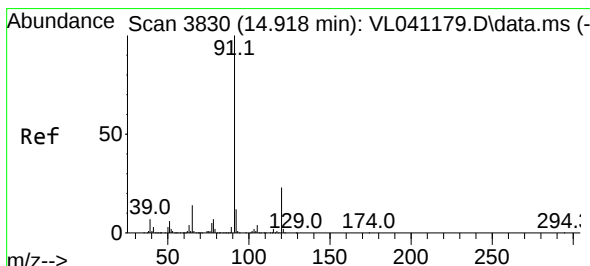
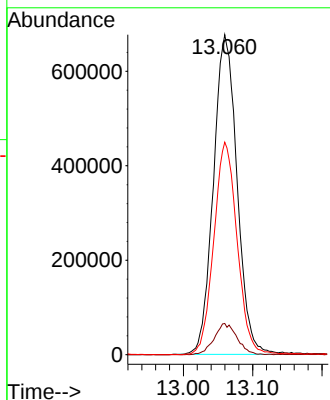
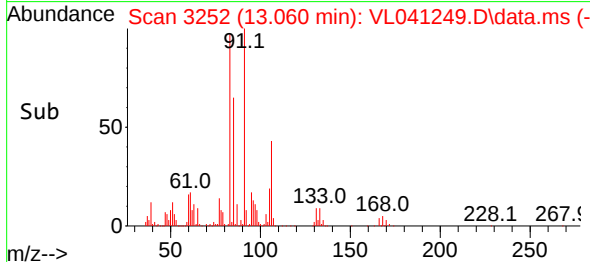
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



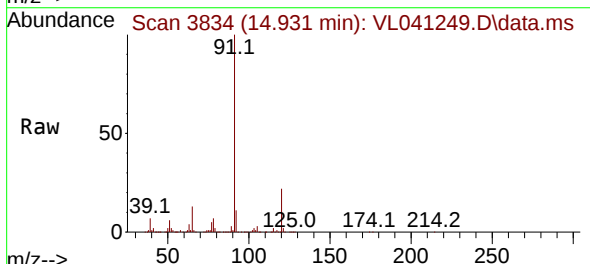
Tgt Ion: 83 Resp: 160562
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.5
85 66.0 32.7 98.1

Manual Integrations
APPROVED

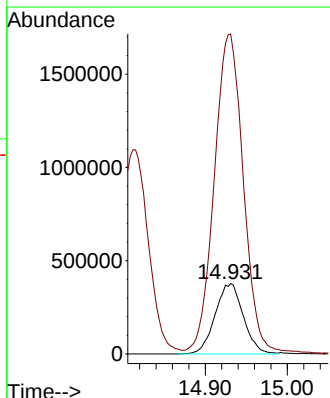
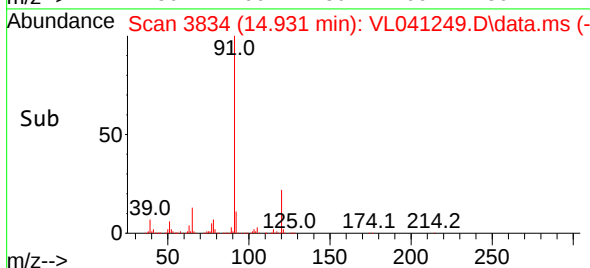
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

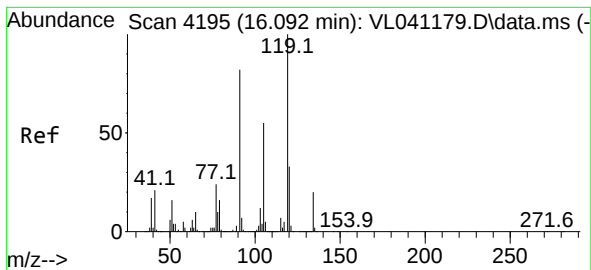


#64
n-propylbenzene
Concen: 10.167 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46



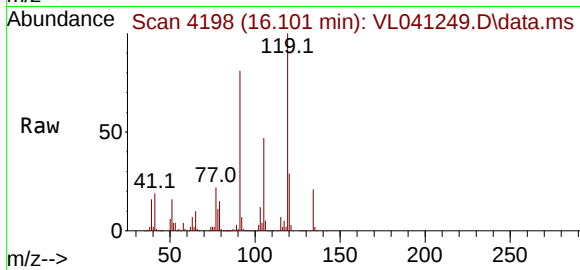
Tgt Ion:120 Resp: 899768
Ion Ratio Lower Upper
120 100
91 474.2 384.8 577.2





#65
tert-Butylbenzene
Concen: 9.543 ppbv
RT: 16.101 min Scan# 4195
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

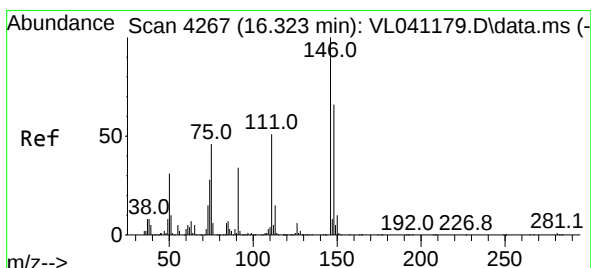
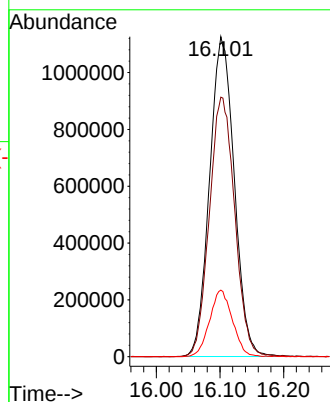
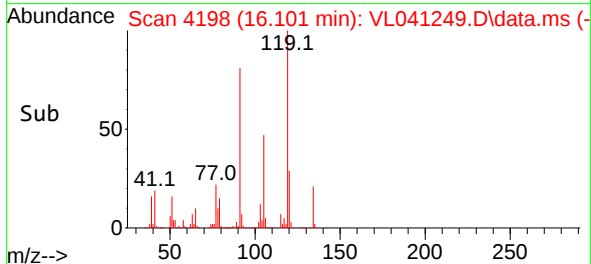
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



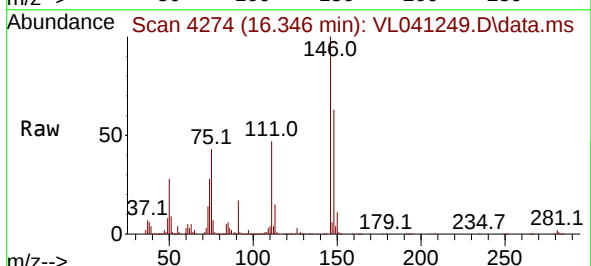
Tgt Ion: 119 Resp: 303178
Ion Ratio Lower Upper
119 100
91 83.5 67.0 100.4
134 19.4 15.2 22.8

Manual Integrations
APPROVED

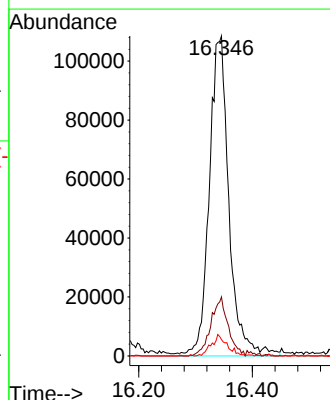
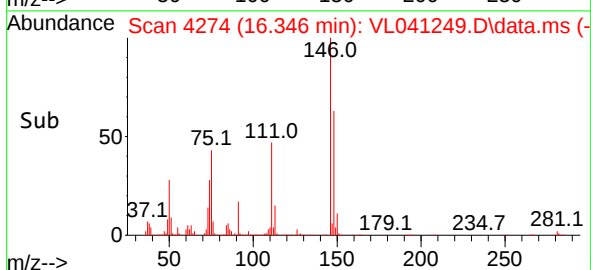
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

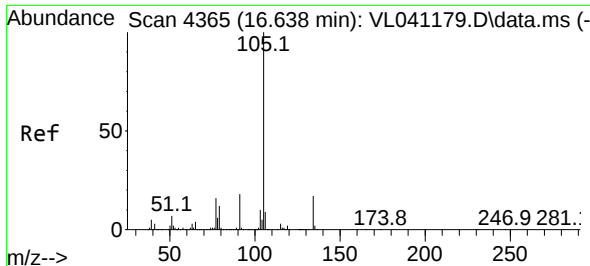


#66
Benzyl Chloride
Concen: 7.265 ppbv m
RT: 16.346 min Scan# 4274
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46



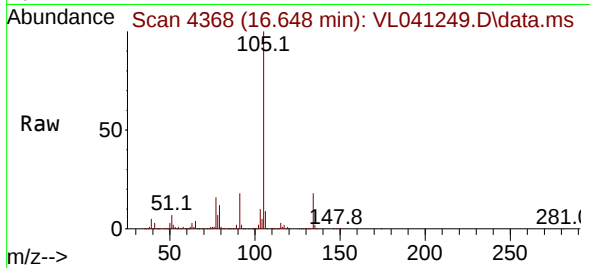
Tgt Ion: 91 Resp: 261266
Ion Ratio Lower Upper
91 100
126 16.9 14.6 21.8
128 5.6 4.7 7.1





#67
 sec-Butylbenzene
 Concen: 9.622 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041249.D
 Acq: 9 May 2024 8:46

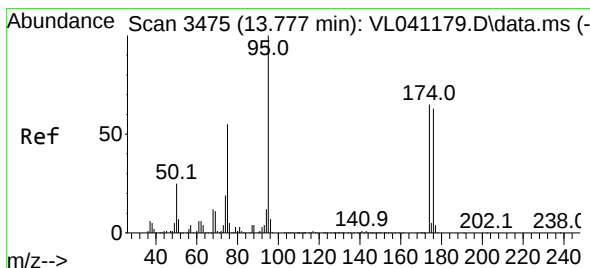
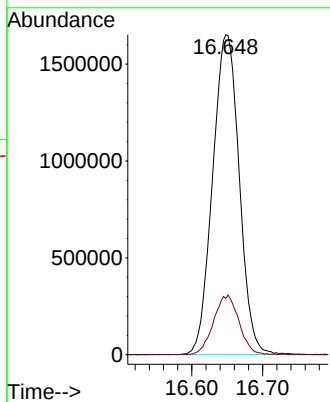
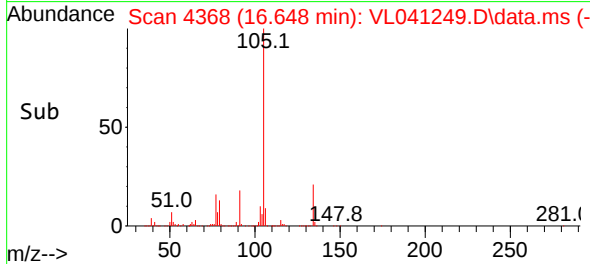
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



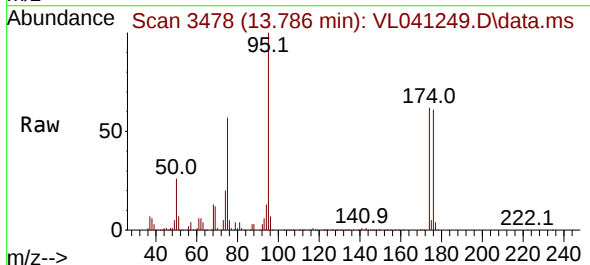
Tgt Ion: 105 Resp: 430308
 Ion Ratio Lower Upper
 105 100
 134 17.9 13.8 20.8

Manual Integrations
 APPROVED

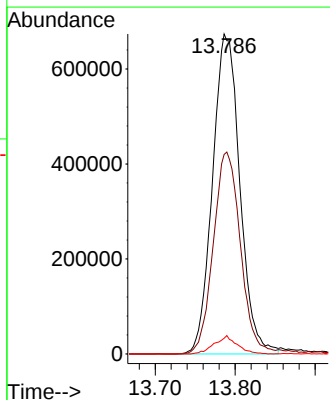
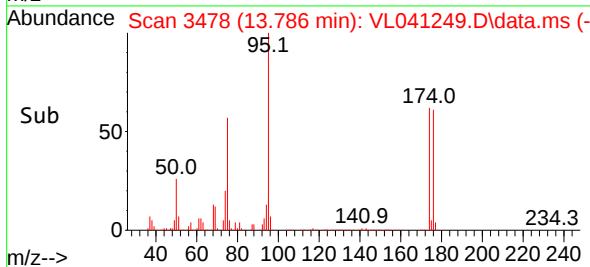
Reviewed By :Semsettin Yesilyurt 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024

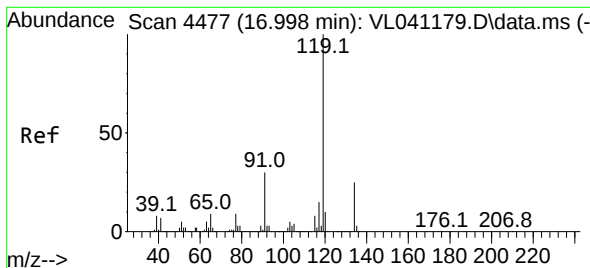


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.654 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.000 min
 Lab File: VL041249.D
 Acq: 9 May 2024 8:46



Tgt Ion: 95 Resp: 1599972
 Ion Ratio Lower Upper
 95 100
 174 63.4 53.6 80.4
 175 4.7 4.2 6.4





#69

p-Isopropyltoluene

Concen: 9.717 ppbv

RT: 17.008 min Scan# 4477

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 3581459

Ion Ratio Lower Upper

119 100

134 25.3 20.1 30.1

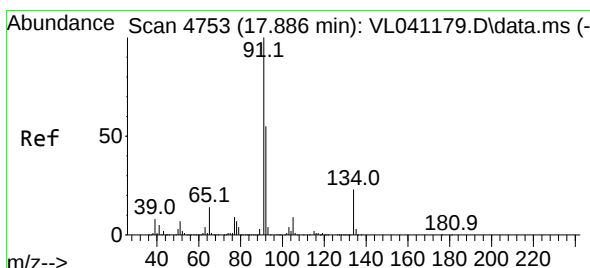
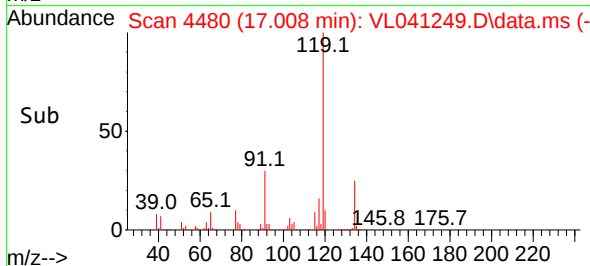
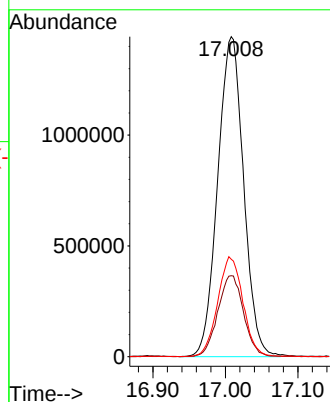
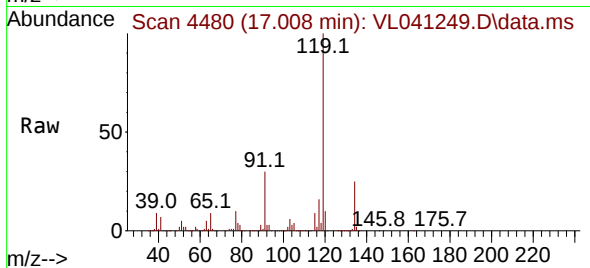
91 30.4 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#70

n-Butylbenzene

Concen: 9.723 ppbv

RT: 17.899 min Scan# 4757

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

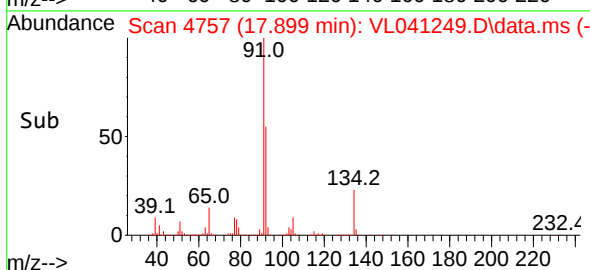
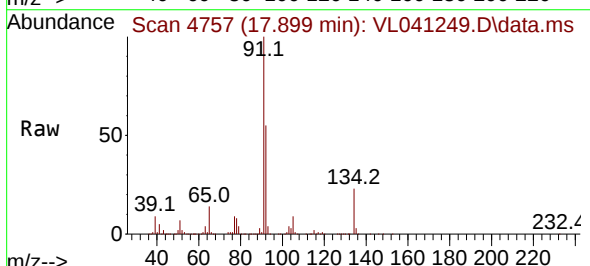
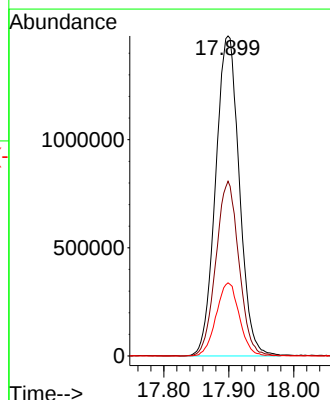
Tgt Ion: 91 Resp: 3742533

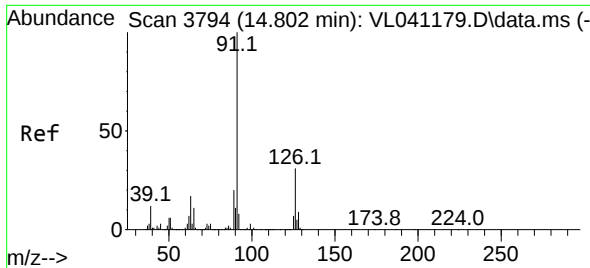
Ion Ratio Lower Upper

91 100

92 53.3 43.3 64.9

134 22.4 17.8 26.8





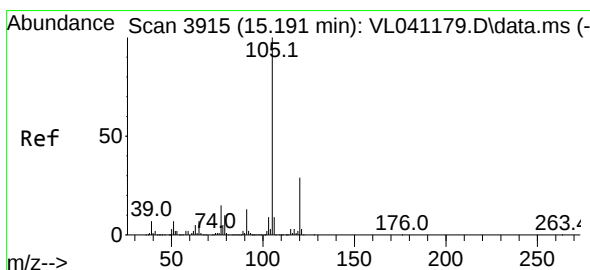
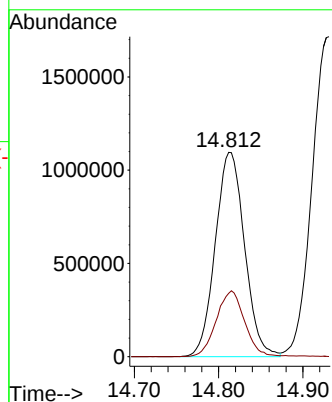
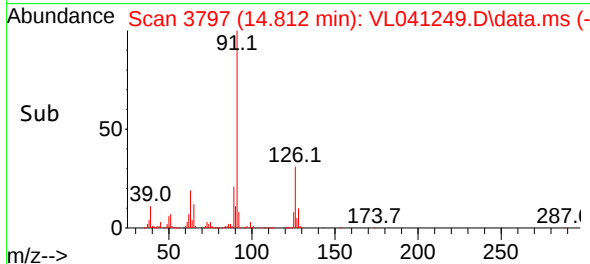
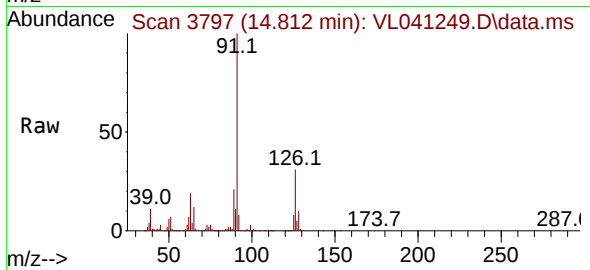
#71
2-Chlorotoluene
Concen: 9.782 ppbv
RT: 14.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2641930
Ion Ratio Lower Upper
91 100
126 31.8 12.2 48.8

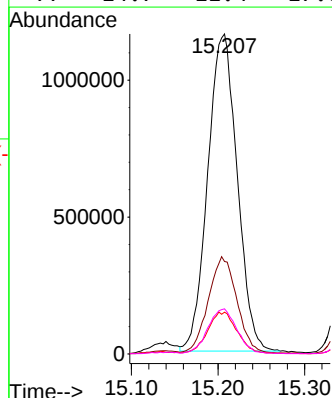
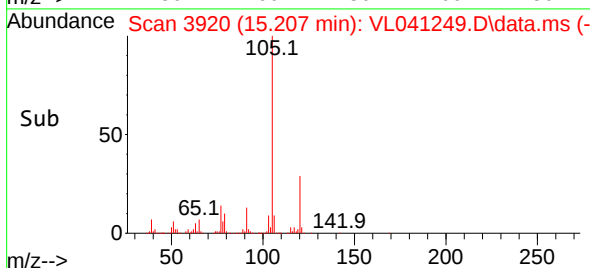
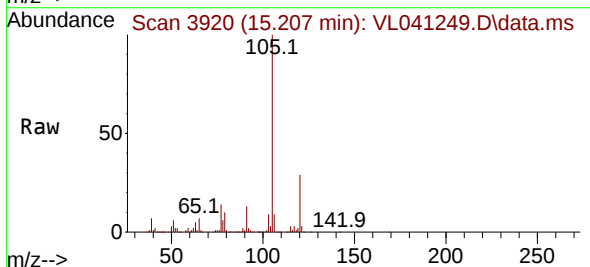
Manual Integrations
APPROVED

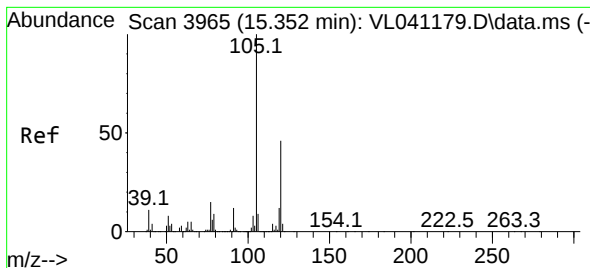
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#72
4-Ethyltoluene
Concen: 10.201 ppbv
RT: 15.207 min Scan# 3920
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Tgt Ion:105 Resp: 2740169
Ion Ratio Lower Upper
105 100
120 31.1 24.7 37.1
91 13.3 10.3 15.5
77 14.7 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 9.988 ppbv

RT: 15.365 min Scan# 3965

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 242756

Ion Ratio Lower Upper

105 100

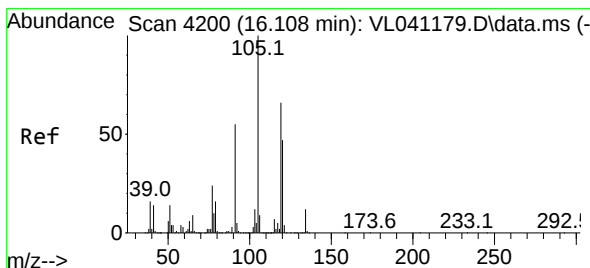
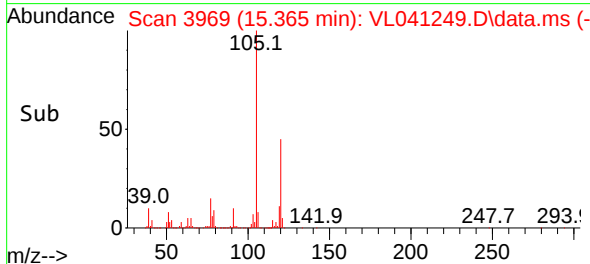
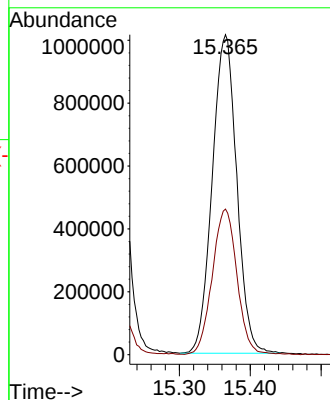
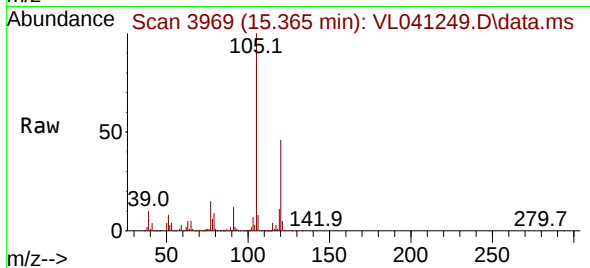
120 45.6 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.871 ppbv

RT: 16.121 min Scan# 4204

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Tgt Ion:105 Resp: 2620017

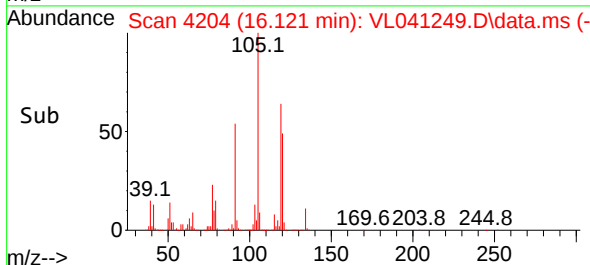
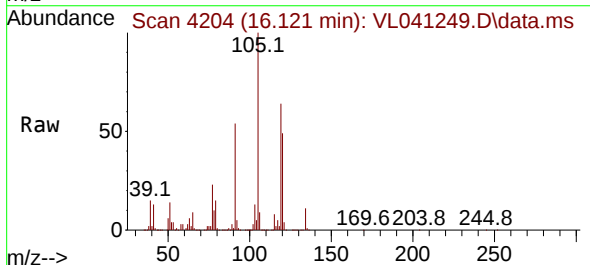
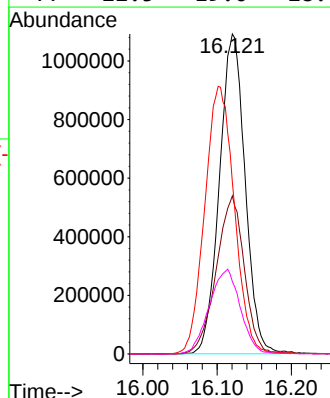
Ion Ratio Lower Upper

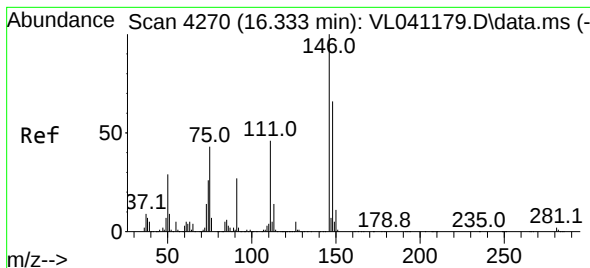
105 100

120 49.3 37.8 56.6

91 53.2 44.3 66.5

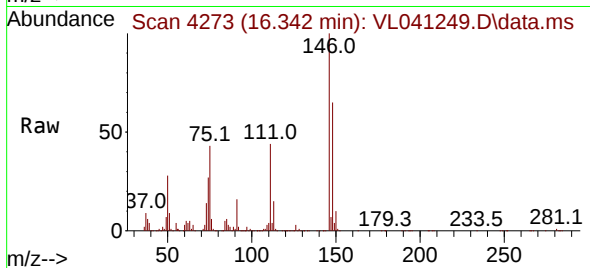
77 22.5 19.0 28.4





#75
1,3-Dichlorobenzene
Concen: 10.296 ppbv
RT: 16.342 min Scan# 4317
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

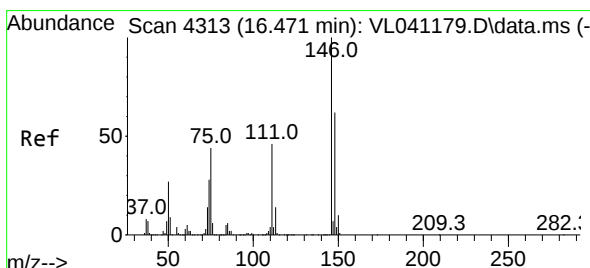
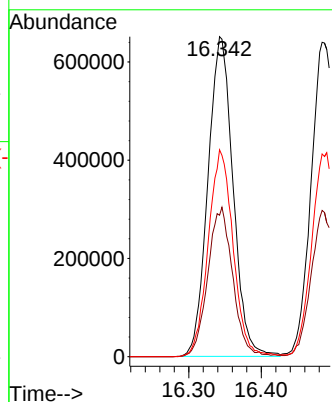
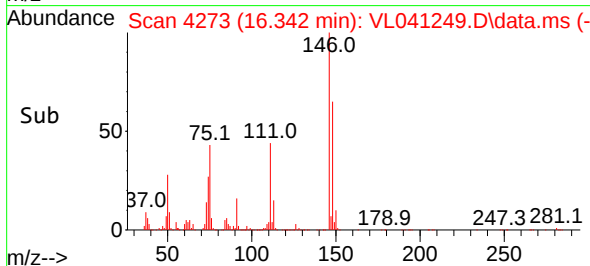
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



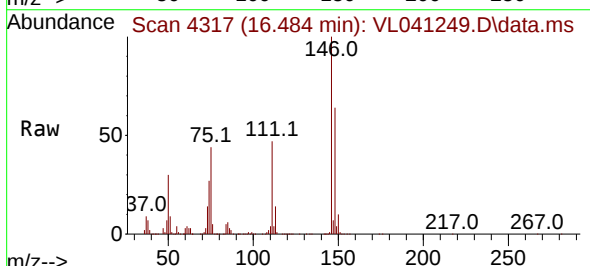
Tgt Ion:146 Resp: 1567052
Ion Ratio Lower Upper
146 100
111 46.5 23.7 71.1
148 64.1 32.5 97.4

Manual Integrations
APPROVED

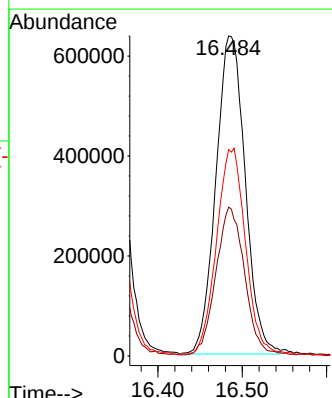
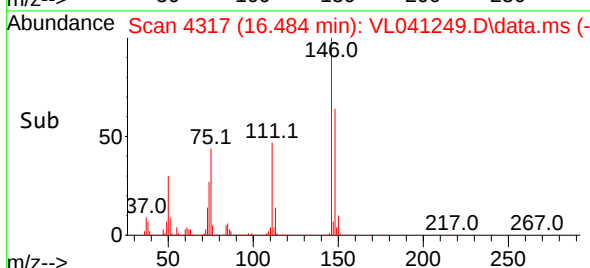
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

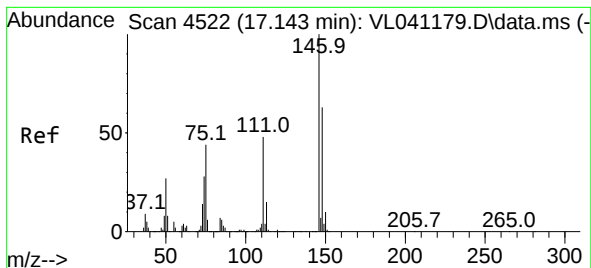


#76
1,4-Dichlorobenzene
Concen: 10.502 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46



Tgt Ion:146 Resp: 1537184
Ion Ratio Lower Upper
146 100
111 46.5 23.3 69.8
148 65.7 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 9.885 ppbv

RT: 17.159 min Scan# 4

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 1503930

Ion Ratio Lower Upper

146 100

111 49.2 24.5 73.5

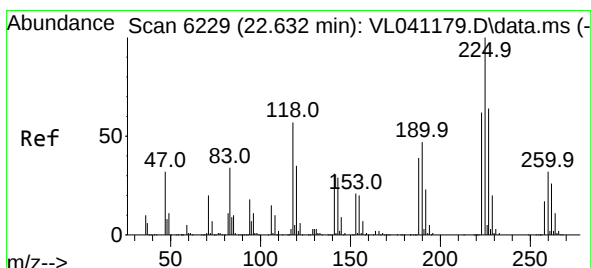
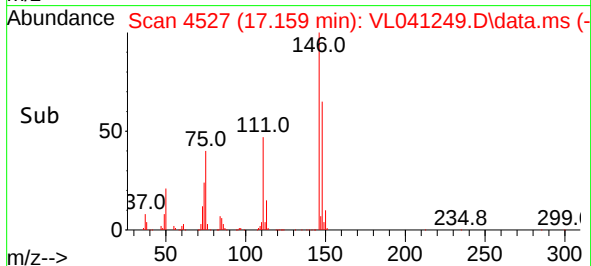
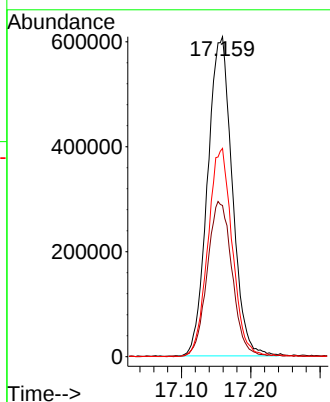
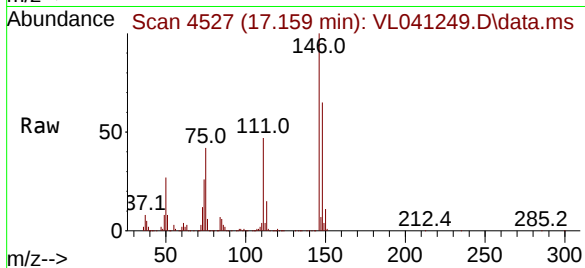
148 64.7 32.6 98.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#78

Hexachloro-1,3-Butadiene

Concen: 7.941 ppbv

RT: 22.648 min Scan# 6234

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

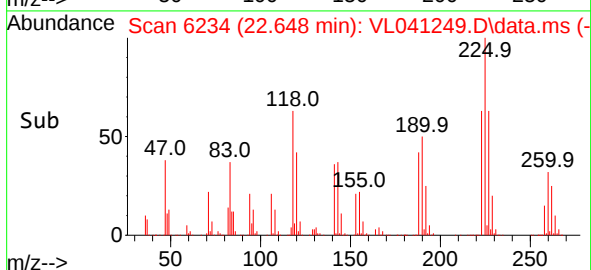
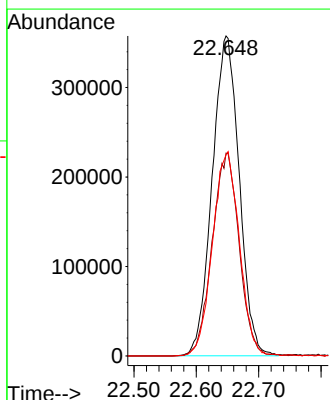
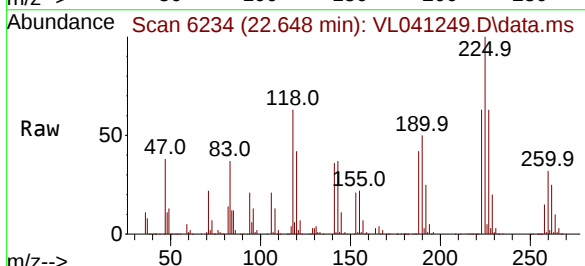
Tgt Ion:225 Resp: 1073809

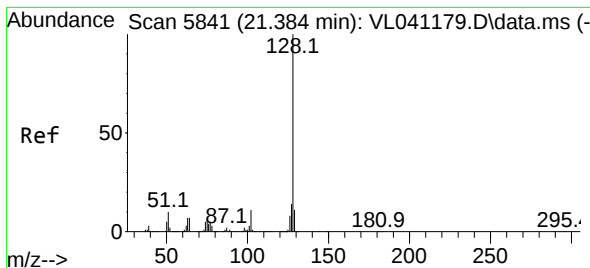
Ion Ratio Lower Upper

225 100

223 63.8 50.9 76.3

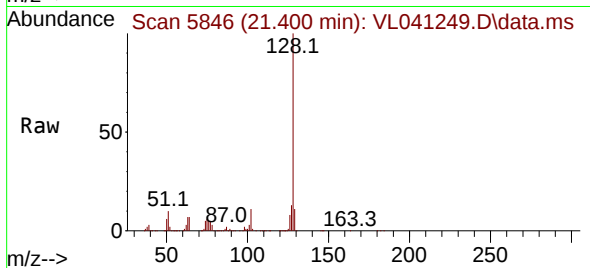
227 63.6 52.0 78.0





#79
Naphthalene
Concen: 10.370 ppbv
RT: 21.400 min Scan# 5841
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

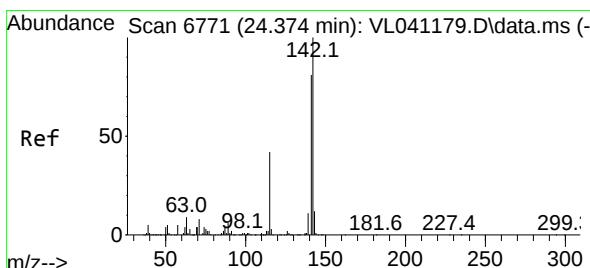
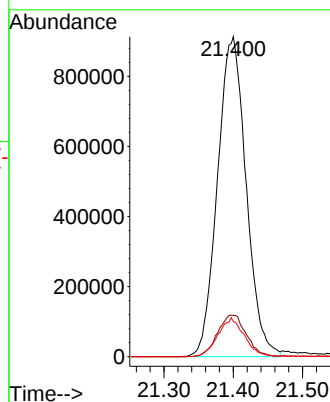
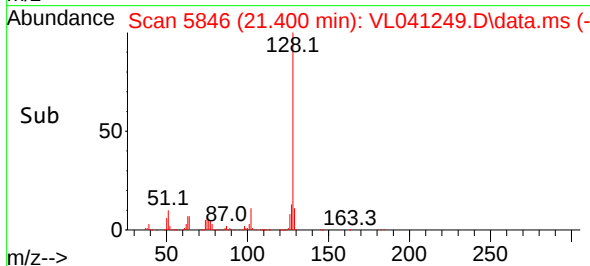
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



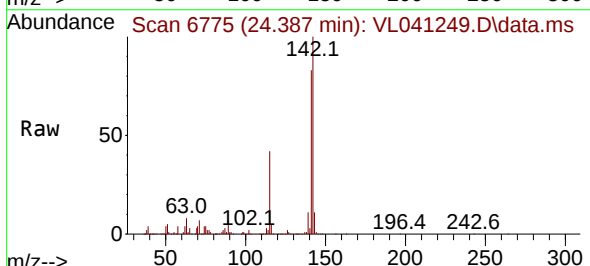
Tgt Ion:128 Resp: 2621234
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 11.0 8.9 13.3

Manual Integrations
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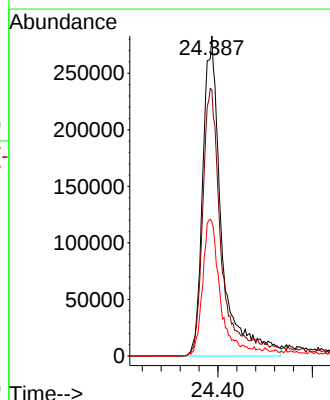
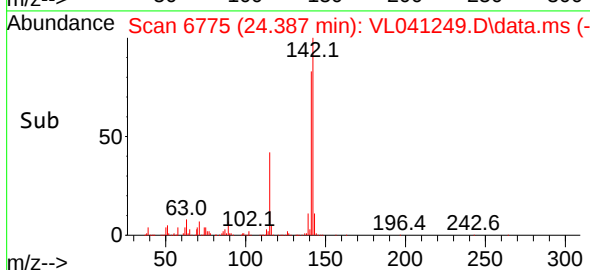
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

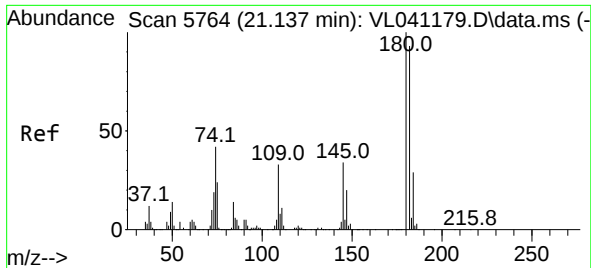


#80
Naphthalene,2-methyl-
Concen: 7.689 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46



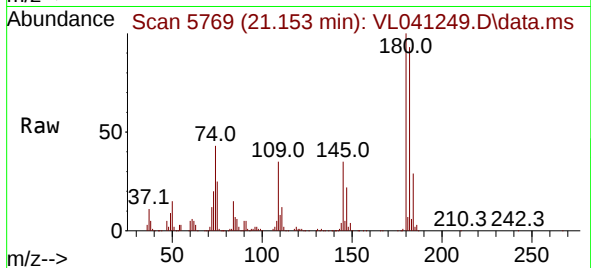
Tgt Ion:142 Resp: 781850
Ion Ratio Lower Upper
142 100
141 85.6 67.9 101.9
115 41.4 31.4 47.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.453 ppbv
 RT: 21.153 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041249.D
 Acq: 9 May 2024 8:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 126162
 Ion Ratio Lower Upper
 180 100
 182 96.6 77.2 115.8
 184 30.8 24.6 36.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024

