

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052124\
 Data File : VL041259.D
 Acq On : 21 May 2024 10:47
 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 05/22/2024
 Supervised By : Mahesh Dadoda 05/22/2024

Quant Time: May 22 05:41:33 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 : Wed May 22 05:39:49 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	898860	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2346389	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2296193	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.773 95 1788904 10.320 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.748	85	1172823	9.646	ppbv	98
3) Chlorodifluoromethane	2.694	51	1510117	11.062	ppbv	99
4) Chloromethane	2.832	50	589052	10.996	ppbv	97
5) Vinyl Chloride	2.938	62	583674	10.846	ppbv	99
6) Bromomethane	3.134	94	213562	10.877	ppbv	98
7) Chloroethane	3.211	64	203895	10.731	ppbv	96
8) Dichlorotetrafluoroethane	2.874	85	1403647	11.154	ppbv	99
9) Propene	2.713	41	561020	10.501	ppbv	98
10) Heptane	7.584	43	1341154	10.361	ppbv	98
11) Trichlorofluoromethane	3.575	101	1428287	11.559	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.076	101	1053562	11.530	ppbv	97
13) Ethanol	3.253	45	142814m	11.925	ppbv	
14) Bromoethene	3.382	108	419339	11.120	ppbv	100
15) Acetone	3.481	43	1106476	10.430	ppbv	98
16) 1,3-Butadiene	3.002	39	595898	11.128	ppbv	99
17) tert-Butyl alcohol	3.886	59	1125479	9.835	ppbv	99
18) 1,1-Dichloroethene	3.890	96	454697	11.160	ppbv	99
19) Isopropyl Alcohol	3.587	45	800013	11.493	ppbv #	43
20) Methylene Chloride	3.944	84	419630	11.375	ppbv	96
21) Allyl Chloride	4.009	41	743482	10.749	ppbv	96
22) trans-1,2-Dichloroethene	4.452	96	488444	11.528	ppbv	97
23) Vinyl Acetate	4.636	43	1295019	11.086	ppbv	100
24) 1,1-Dichloroethane	4.574	63	1032902	11.372	ppbv	99
25) Ethyl Acetate	5.211	43	2253497	10.643	ppbv	100
26) Hexane	5.221	57	989044	10.467	ppbv	99
27) Carbon Disulfide	4.134	76	1253560	11.207	ppbv	97
28) Methyl tert-Butyl Ether	4.594	73	780538	10.374	ppbv	100
29) Chloroform	5.282	83	1498782	11.498	ppbv	99
30) Cyclohexane	6.607	84	828217	11.073	ppbv	98
31) cis-1,2-Dichloroethene	5.086	61	989541	11.186	ppbv	97
32) 1,1,1-Trichloroethane	6.005	97	1515817	11.654	ppbv	99
34) 2-Butanone	4.793	43	1202997	10.073	ppbv	97
35) Carbon Tetrachloride	6.497	117	1546450	11.744	ppbv	99
36) Benzene	6.375	78	2077600	10.551	ppbv	99
37) 1,2-Dichloroethane	5.812	62	1209611	11.774	ppbv	99
38) Trichloroethene	7.291	130	774038	10.549	ppbv	96
39) 1,2-Dichloropropane	7.076	63	802945	10.581	ppbv	99
40) 1,4-Dioxane	7.288	88	316712	11.682	ppbv #	1
41) Tetrahydrofuran	5.558	42	858940	9.935	ppbv	97
42) Bromodichloromethane	7.253	83	1714644	11.637	ppbv	98
43) Methyl Methacrylate	7.478	69	839937	10.547	ppbv	98
44) 2,2,4-Trimethylpentane	7.327	57	3472268	10.227	ppbv	100
45) t-1,3-Dichloropropene	8.709	75	685352	11.876	ppbv	99

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

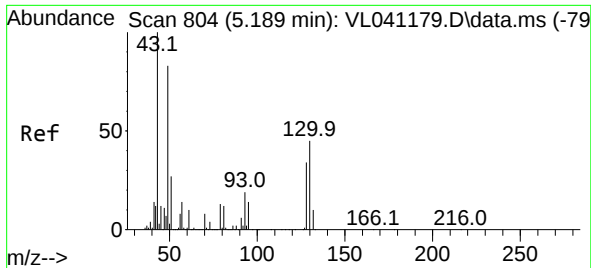
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed May 22 05:39:49 2024

Response via : Initial Calibration

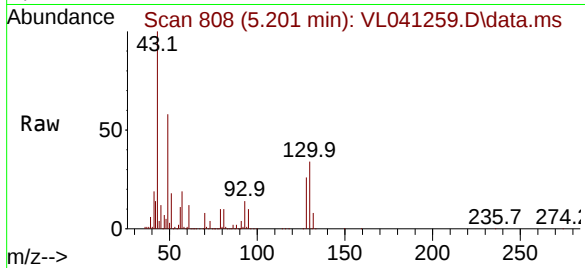
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	815992	11.549	ppbv	96
47) 1,1,2-Trichloroethane	8.899	97	844913	11.124	ppbv	99
48) Dibromochloromethane	9.709	129	1443378	11.927	ppbv	99
49) Bromoform	12.404	173	1216353	11.815	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2196819	10.250	ppbv	100
51) 2-Hexanone	9.549	43	1602549	10.080	ppbv #	99
52) Tetrachloroethene	10.616	164	734338	10.611	ppbv	98
53) Toluene	9.221	91	2420432	10.601	ppbv	99
54) 1,2-Dibromoethane	10.005	107	1204910	11.712	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.503	131	1049605	11.273	ppbv	100
57) Chlorobenzene	11.526	112	1811186	10.770	ppbv	97
58) Ethyl Benzene	12.085	91	3246161	10.310	ppbv	99
59) m/p-Xylene	12.365	91	5486680m	20.734	ppbv	
60) o-Xylene	13.056	91	2607171	10.511	ppbv	100
61) Styrene	12.892	104	1409983	10.760	ppbv	99
62) Isopropylbenzene	14.027	105	3855680	10.392	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.044	83	1810145	10.706	ppbv	99
64) n-propylbenzene	14.912	120	1015406	10.970	ppbv	98
65) tert-Butylbenzene	16.089	119	3362836	10.120	ppbv	99
66) Benzyl Chloride	16.320	91	314362m	8.357	ppbv	
67) sec-Butylbenzene	16.629	105	4819765	10.303	ppbv	99
69) p-Isopropyltoluene	16.989	119	3993159	10.358	ppbv	99
70) n-Butylbenzene	17.883	91	4193946	10.417	ppbv	100
71) 2-Chlorotoluene	14.796	91	2985702	10.569	ppbv	99
72) 4-Ethyltoluene	15.188	105	3053369	10.868	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	2702099	10.629	ppbv	99
74) 1,2,4-Trimethylbenzene	16.105	105	2936870	10.578	ppbv	97
75) 1,3-Dichlorobenzene	16.326	146	1750826	10.998	ppbv	100
76) 1,4-Dichlorobenzene	16.468	146	1723278	11.256	ppbv	100
77) 1,2-Dichlorobenzene	17.140	146	1717108	10.790	ppbv	98
78) Hexachloro-1,3-Butadiene	22.628	225	1204036	8.513	ppbv	99
79) Naphthalene	21.378	128	2979251	11.269	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	1003017	9.430	ppbv	96
81) 1,2,4-Trichlorobenzene	21.133	180	1416946	10.150	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

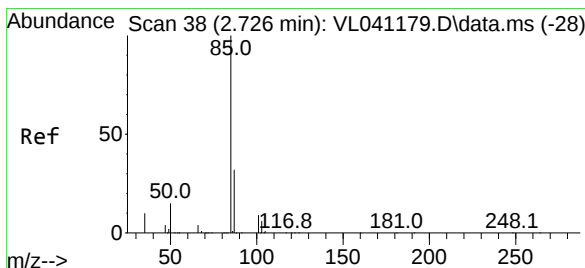
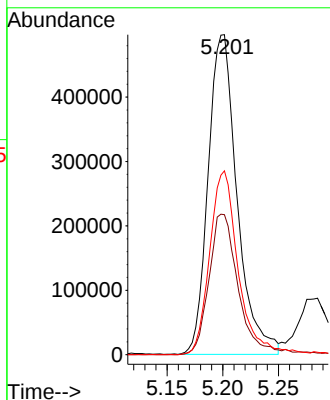
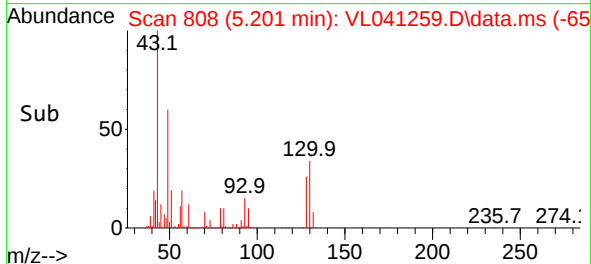
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



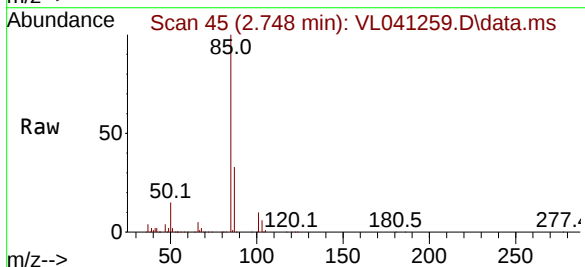
Tgt Ion: 49 Resp: 898860
Ion Ratio Lower Upper
49 100
128 45.2 21.5 64.5
130 57.7 27.2 81.6

Manual Integrations
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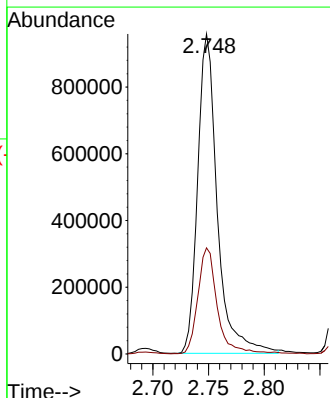
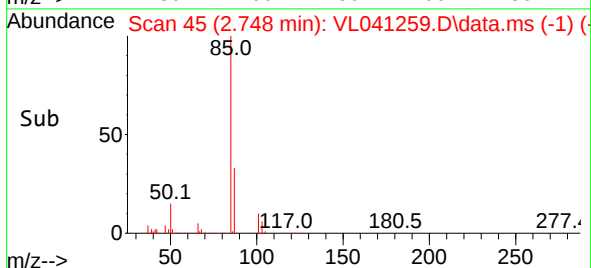
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024

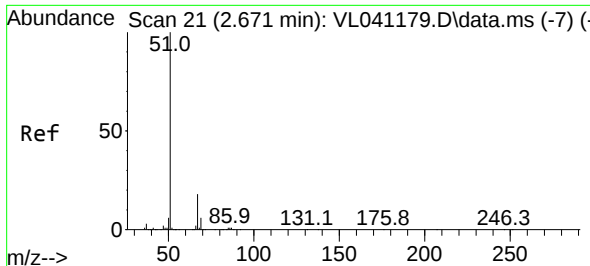


#2
Dichlorodifluoromethane
Concen: 9.646 ppbv
RT: 2.748 min Scan# 45
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47



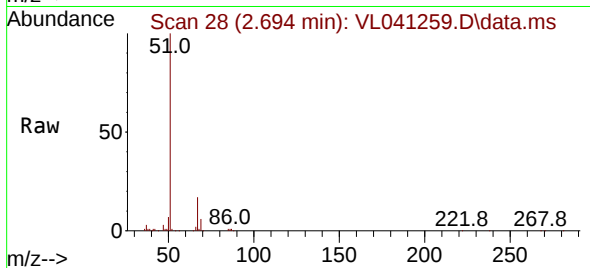
Tgt Ion: 85 Resp: 1172823
Ion Ratio Lower Upper
85 100
87 33.1 25.7 38.5





#3
Chlorodifluoromethane
Concen: 11.062 ppbv
RT: 2.694 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

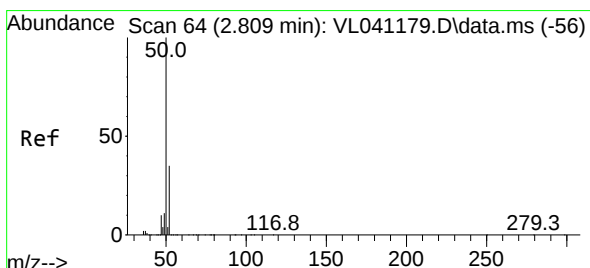
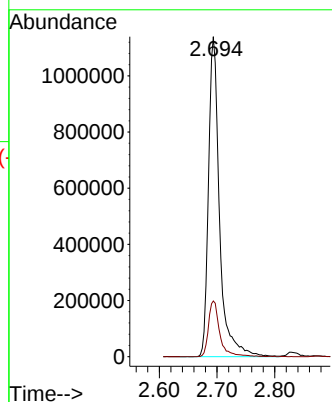
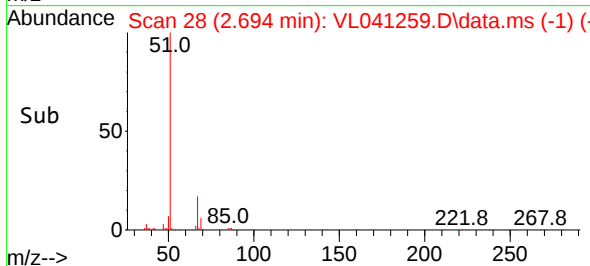
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 151011
Ion Ratio Lower Upper
51 100
67 18.0 14.0 21.0

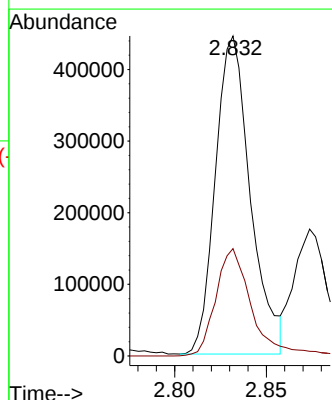
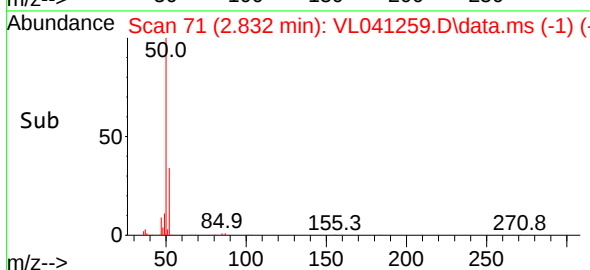
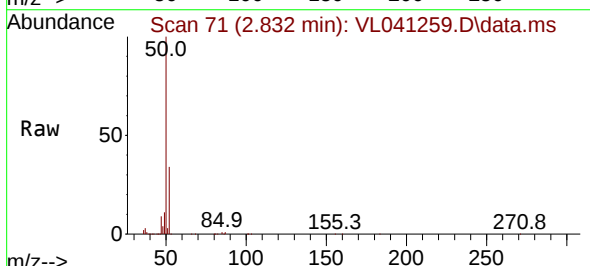
Manual Integrations
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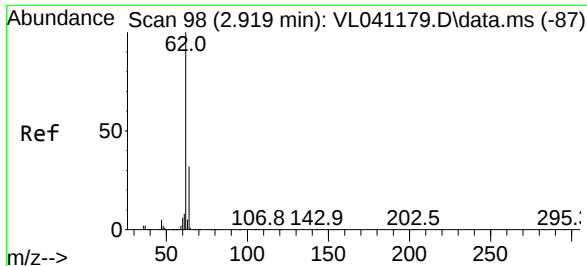
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#4
Chloromethane
Concen: 10.996 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

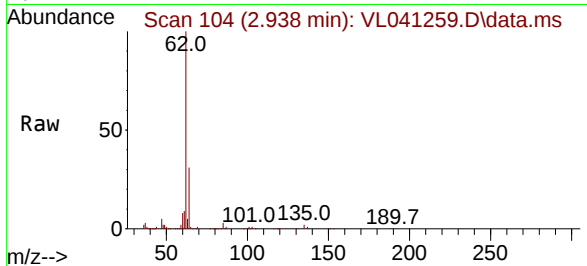
Tgt Ion: 50 Resp: 589052
Ion Ratio Lower Upper
50 100
52 33.7 28.3 42.5





#5
 Vinyl Chloride
 Concen: 10.846 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

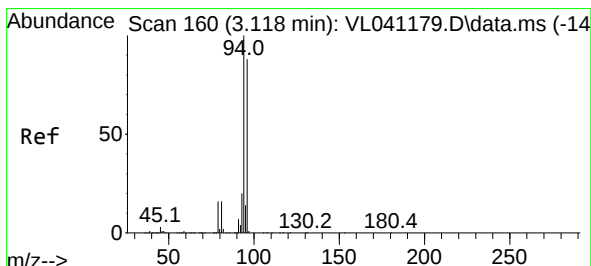
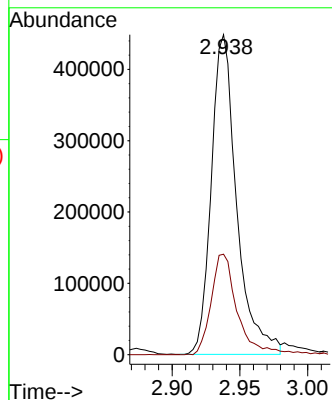
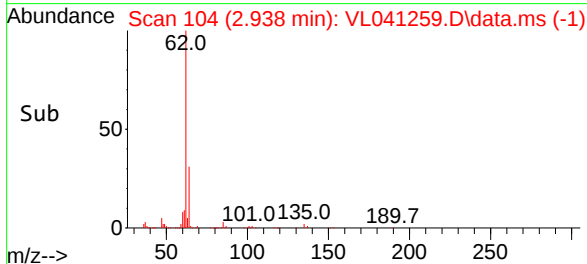
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 583674
 Ion Ratio Lower Upper
 62 100
 64 31.4 25.7 38.5

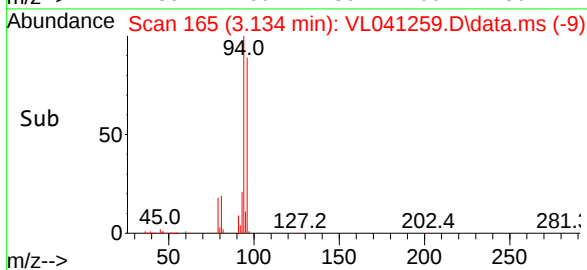
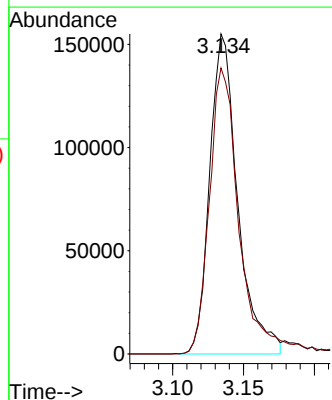
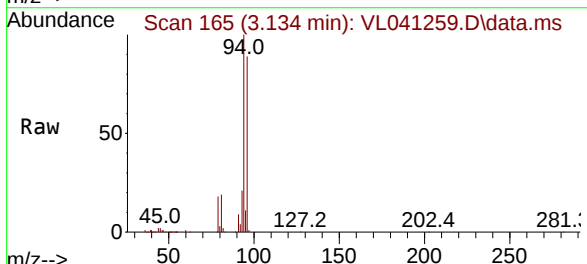
Manual Integrations
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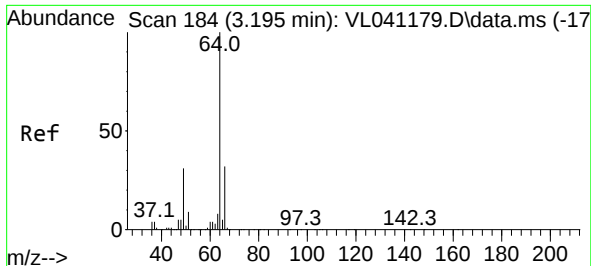
Reviewed By :Semsettin Yesilyurt 05/22/2024
 Supervised By :Mahesh Dadoda 05/22/2024



#6
 Bromomethane
 Concen: 10.877 ppbv
 RT: 3.134 min Scan# 165
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

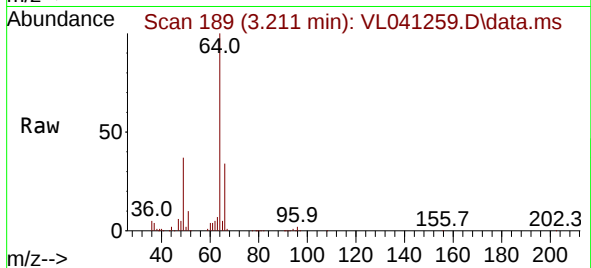
Tgt Ion: 94 Resp: 213562
 Ion Ratio Lower Upper
 94 100
 96 89.2 70.1 105.1





#7
Chloroethane
Concen: 10.731 ppbv
RT: 3.211 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

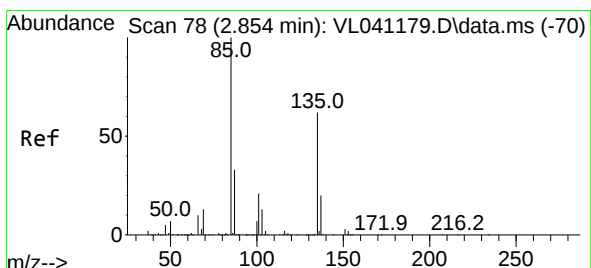
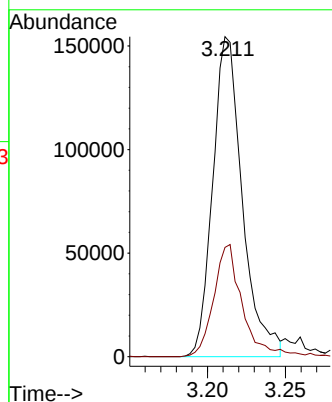
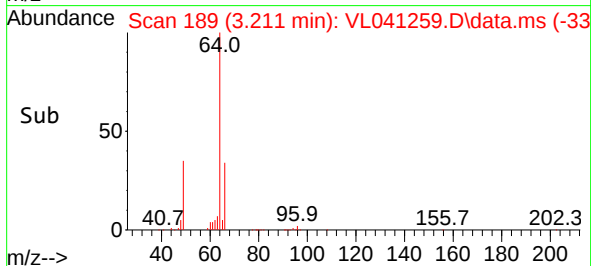
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 20389
Ion Ratio Lower Upper
64 100
66 34.1 25.4 38.2

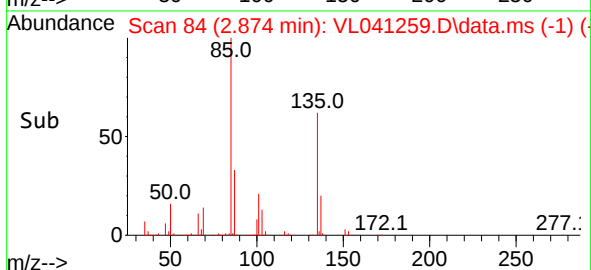
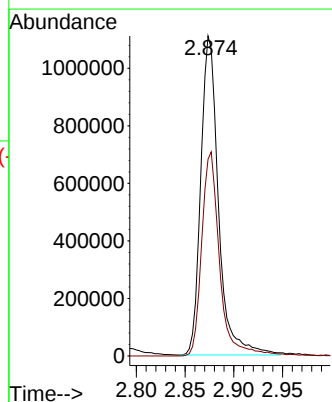
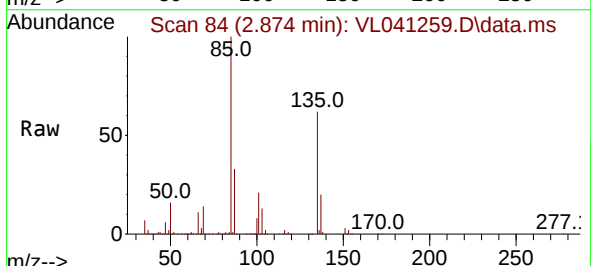
Manual Integrations
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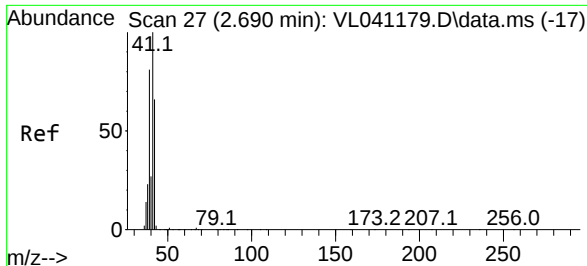
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#8
Dichlorotetrafluoroethane
Concen: 11.154 ppbv
RT: 2.874 min Scan# 84
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 85 Resp: 1403647
Ion Ratio Lower Upper
85 100
135 65.1 51.5 77.3





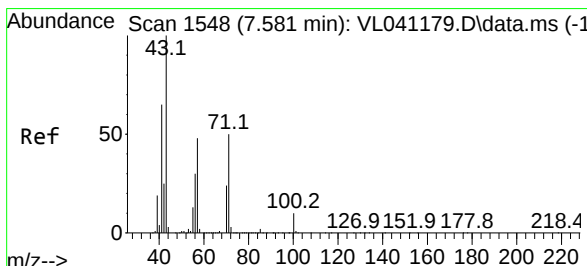
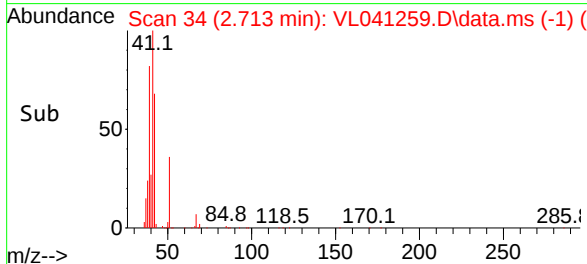
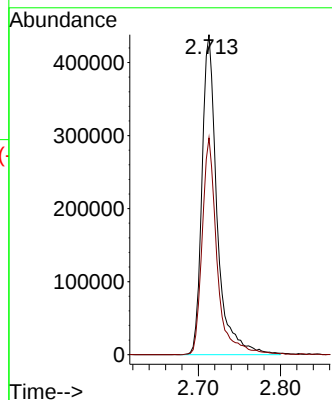
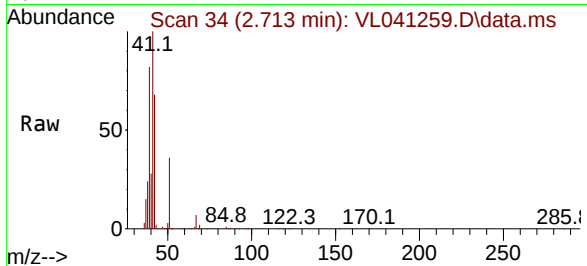
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Propene
Concen: 10.501 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 561020
Ion Ratio Lower Upper
41 100
42 67.1 55.3 82.9

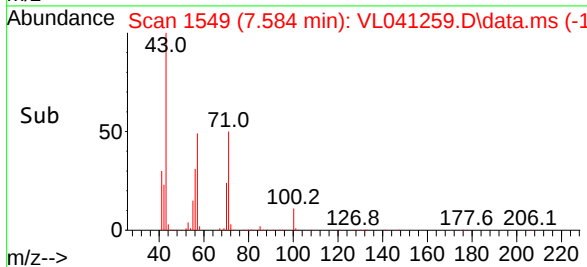
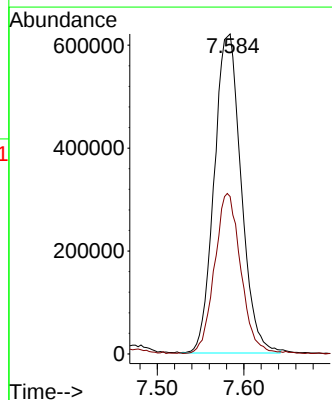
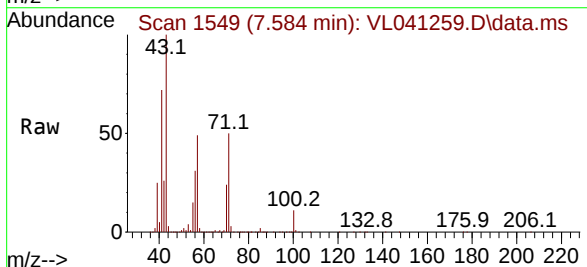
Manual Integrations
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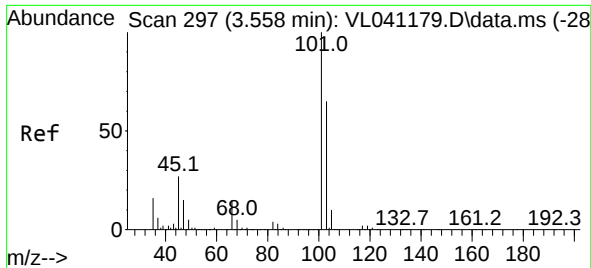
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#10
Heptane
Concen: 10.361 ppbv
RT: 7.584 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 43 Resp: 1341154
Ion Ratio Lower Upper
43 100
57 49.5 38.7 58.1





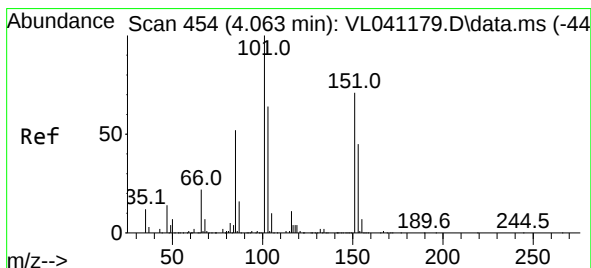
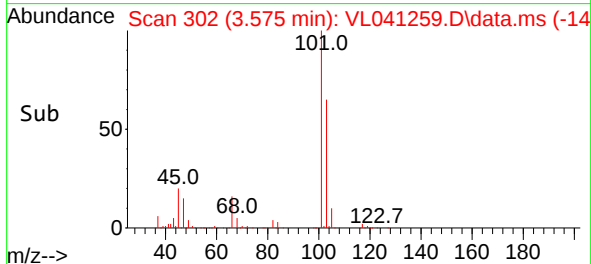
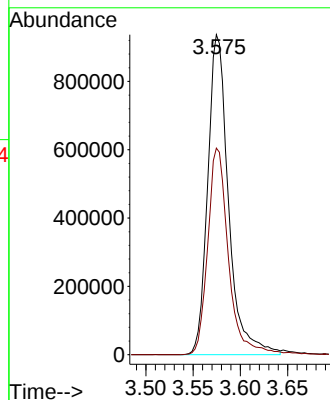
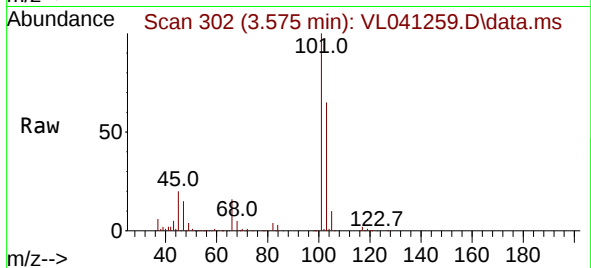
#11
Trichlorofluoromethane
Concen: 11.559 ppbv
RT: 3.575 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 142828
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

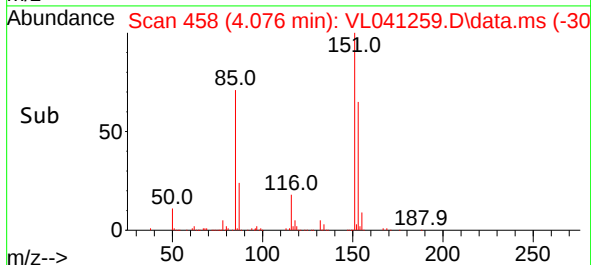
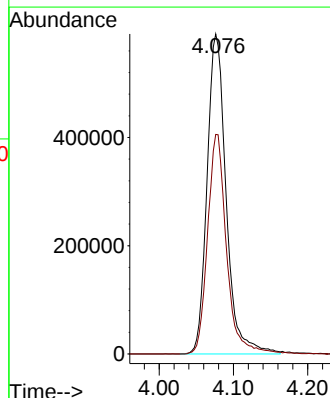
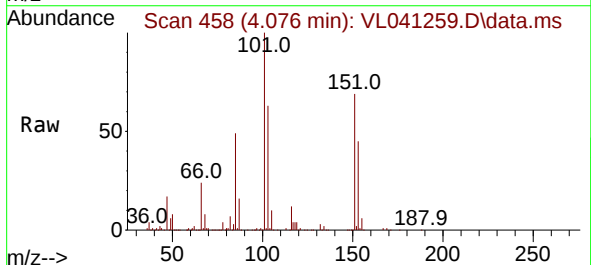
Manual Integrations
APPROVED

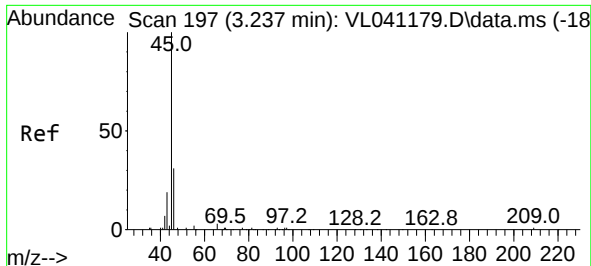
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.530 ppbv
RT: 4.076 min Scan# 458
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

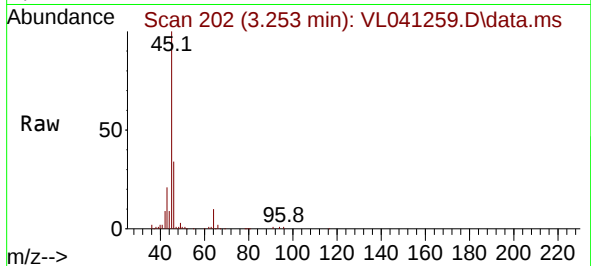
Tgt Ion:101 Resp: 1053562
Ion Ratio Lower Upper
101 100
151 68.4 56.8 85.2





#13
Ethanol
Concen: 11.925 ppbv m
RT: 3.253 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

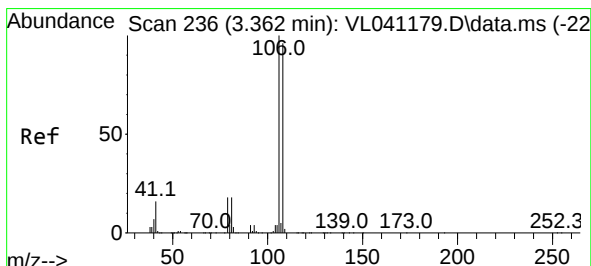
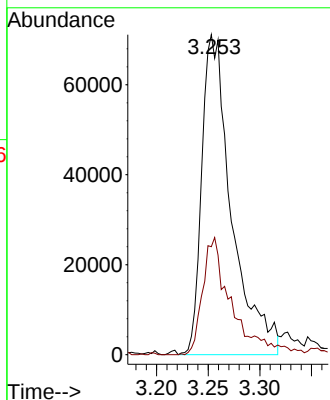
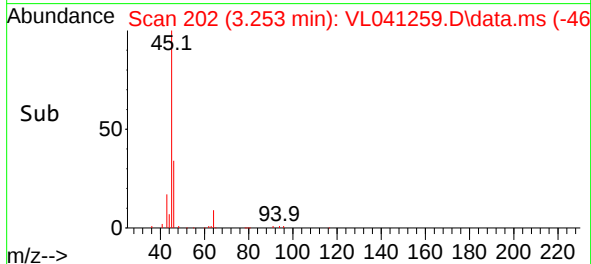
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



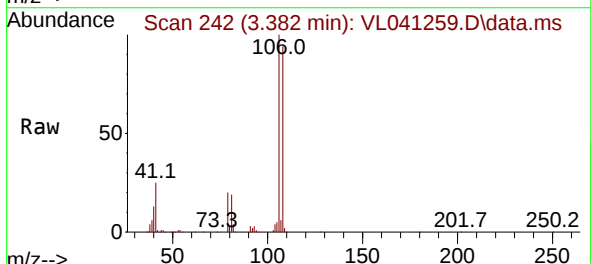
Tgt Ion: 45 Resp: 142814
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.0

Manual Integrations
APPROVED

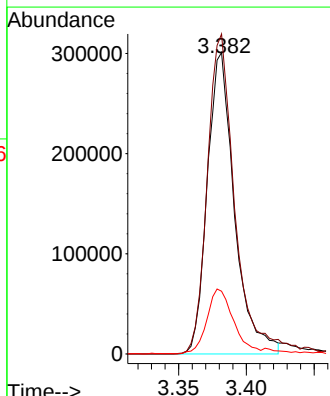
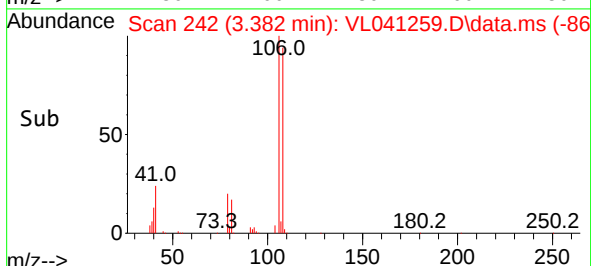
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024

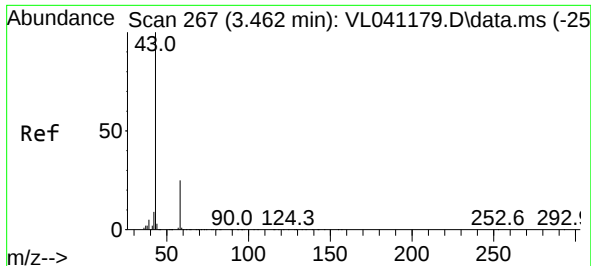


#14
Bromoethene
Concen: 11.120 ppbv
RT: 3.382 min Scan# 242
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47



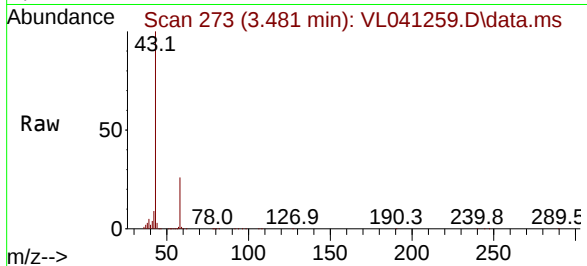
Tgt Ion:108 Resp: 419339
Ion Ratio Lower Upper
108 100
106 110.3 88.2 132.4
79 22.6 17.4 26.0





#15
Acetone
Concen: 10.430 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

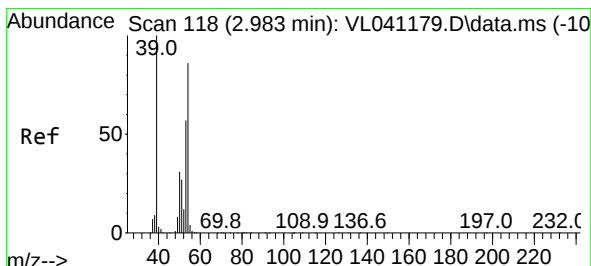
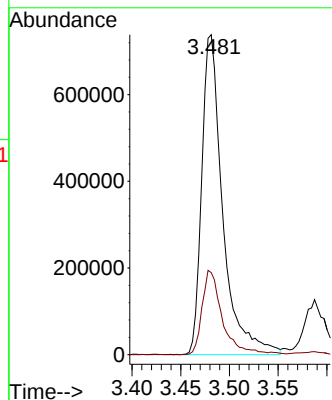
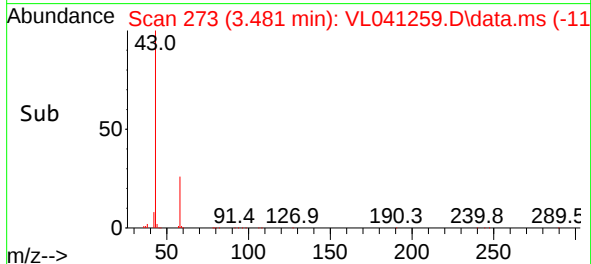
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1106470
Ion Ratio Lower Upper
43 100
58 25.7 21.4 32.0

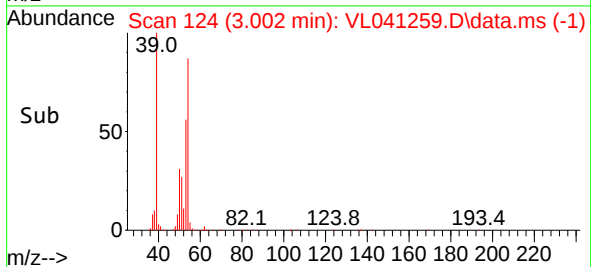
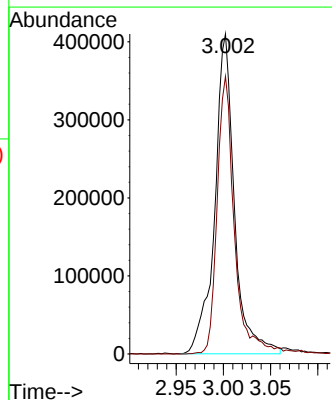
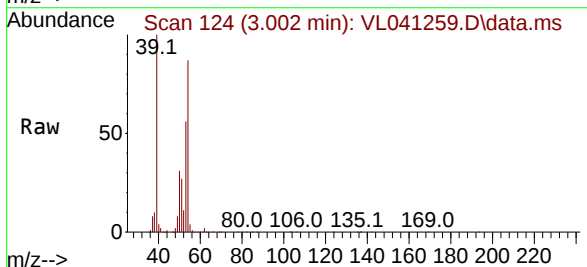
Manual Integrations
APPROVED

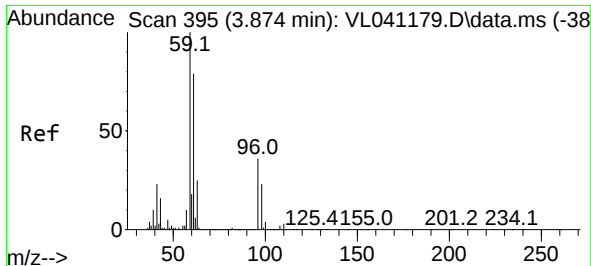
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#16
1,3-Butadiene
Concen: 11.128 ppbv
RT: 3.002 min Scan# 124
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 39 Resp: 595898
Ion Ratio Lower Upper
39 100
54 76.8 62.2 93.4





#17

tert-Butyl alcohol

Concen: 9.835 ppbv

RT: 3.886 min Scan# 395

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 1125479

Ion Ratio Lower Upper

59 100

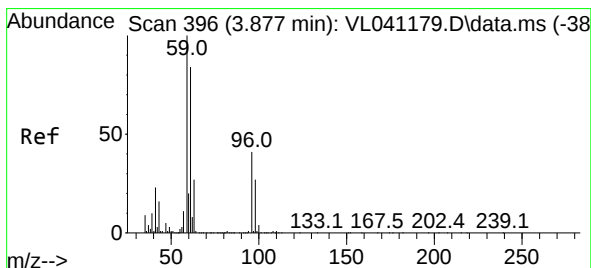
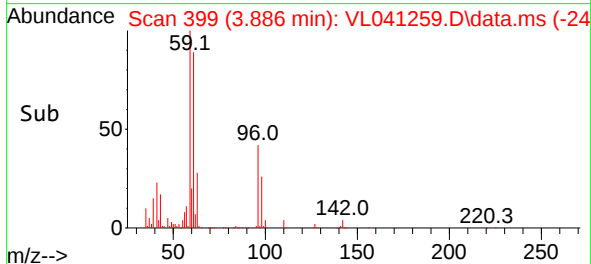
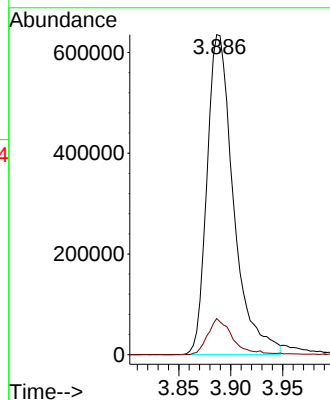
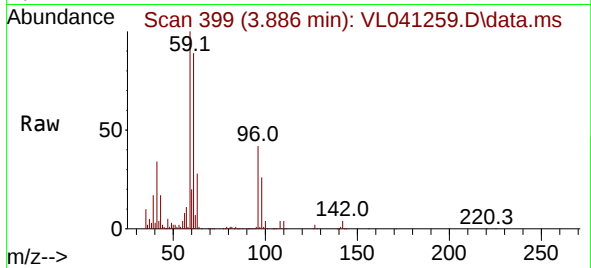
57 10.9 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2024

Supervised By :Mahesh Dadoda 05/22/2024



#18

1,1-Dichloroethene

Concen: 11.160 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

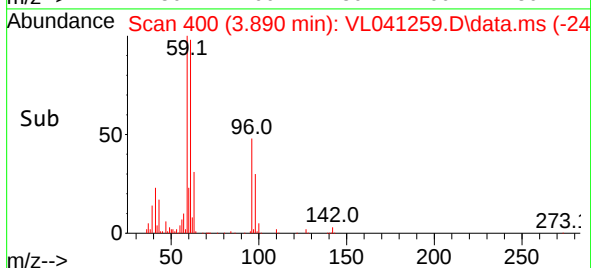
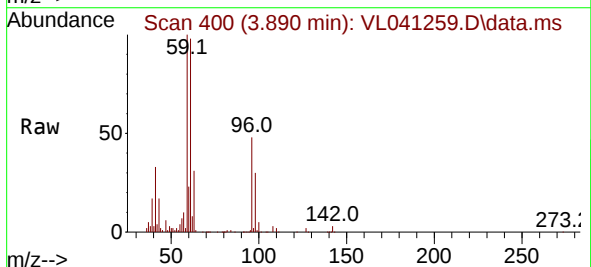
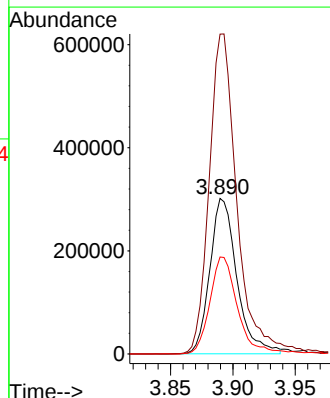
Tgt Ion: 96 Resp: 454697

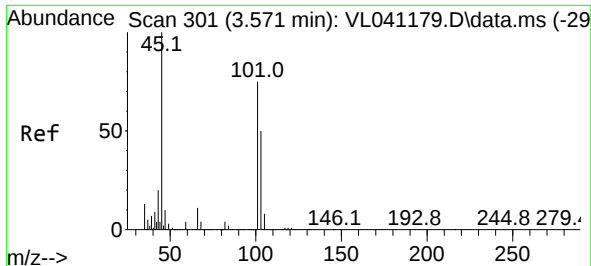
Ion Ratio Lower Upper

96 100

61 205.6 164.4 246.6

98 62.4 51.8 77.8





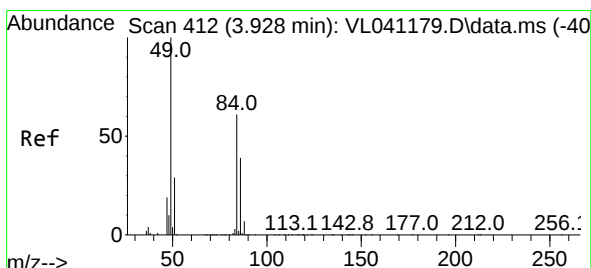
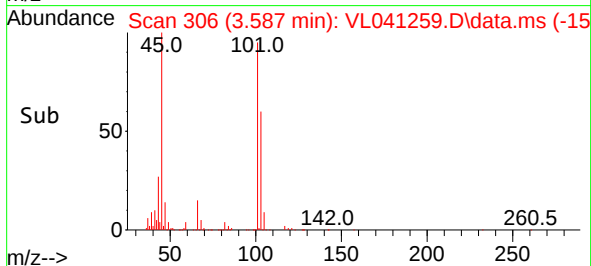
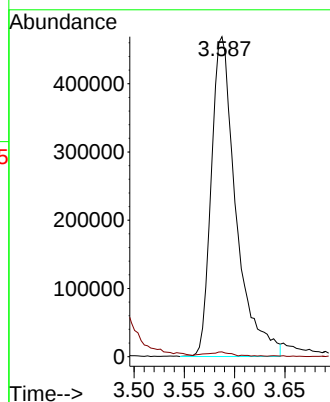
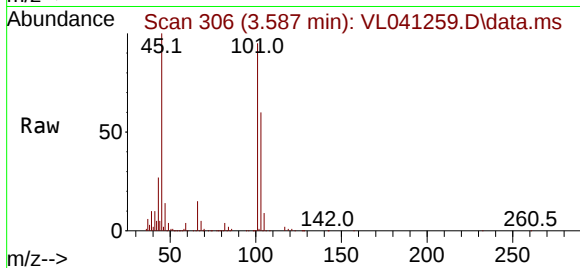
#19
Isopropyl Alcohol
Concen: 11.493 ppbv
RT: 3.587 min Scan# 306
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 80001
Ion Ratio Lower Upper
45 100
58 1.3 26.8 40.2

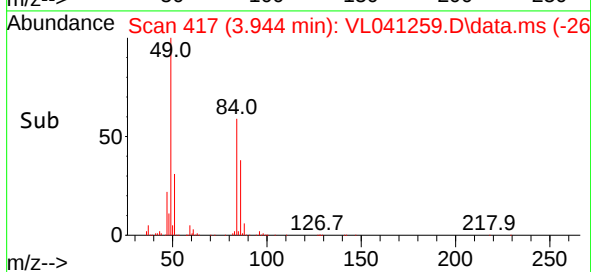
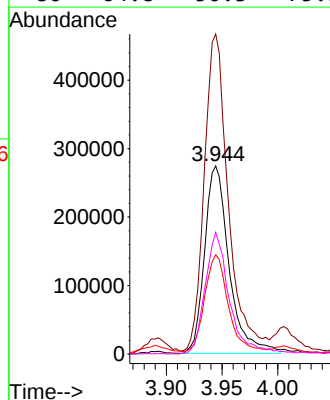
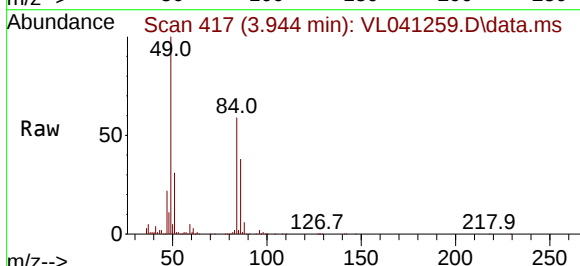
Manual Integrations
APPROVED

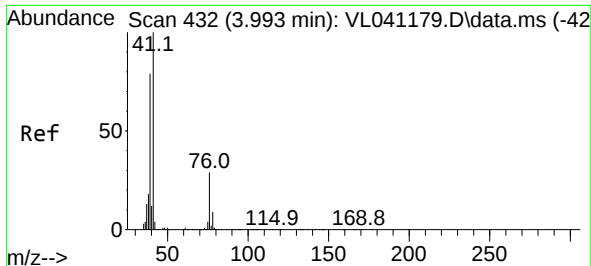
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#20
Methylene Chloride
Concen: 11.375 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

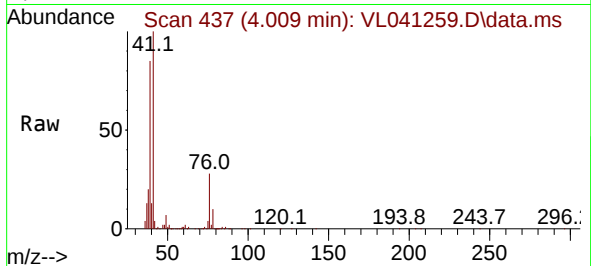
Tgt Ion: 84 Resp: 419630
Ion Ratio Lower Upper
84 100
49 169.3 130.4 195.6
51 51.6 38.0 57.0
86 64.8 50.3 75.5





#21
 Allyl Chloride
 Concen: 10.749 ppbv
 RT: 4.009 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

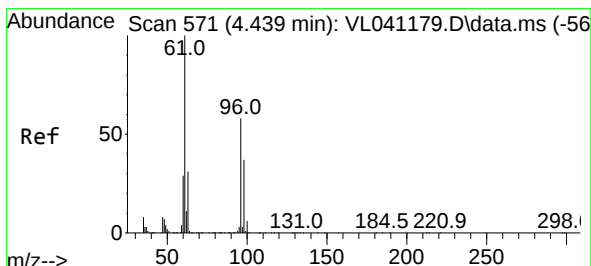
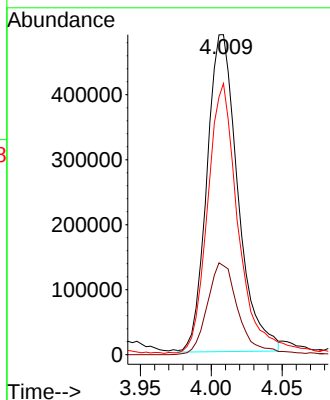
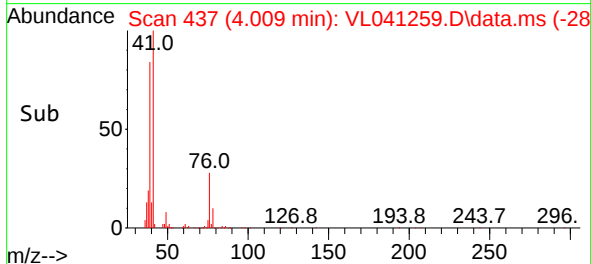
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



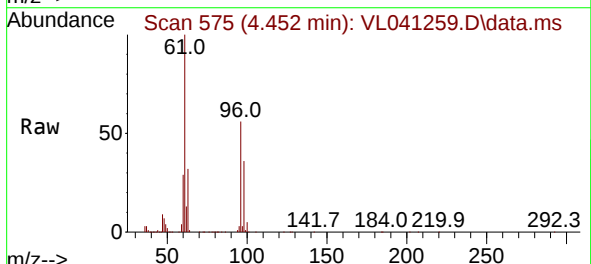
Tgt Ion: 41 Resp: 74348
 Ion Ratio Lower Upper
 41 100
 76 29.4 23.7 35.5
 39 85.5 64.7 97.1

Manual Integrations
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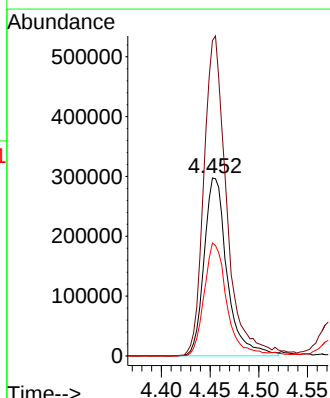
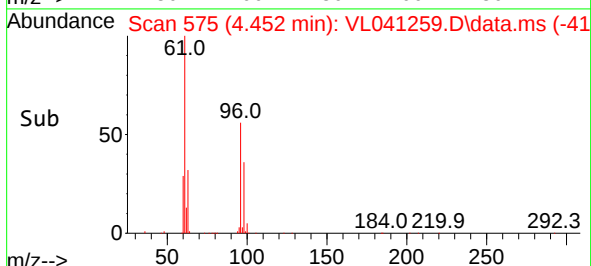
Reviewed By :Semsettin Yesilyurt 05/22/2024
 Supervised By :Mahesh Dadoda 05/22/2024

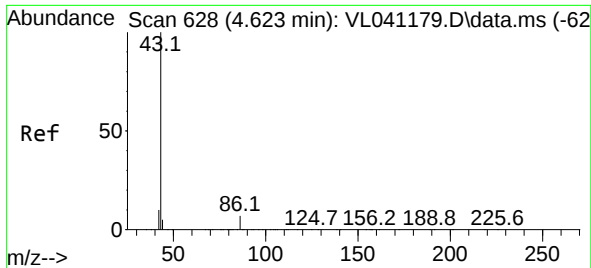


#22
 trans-1,2-Dichloroethene
 Concen: 11.528 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47



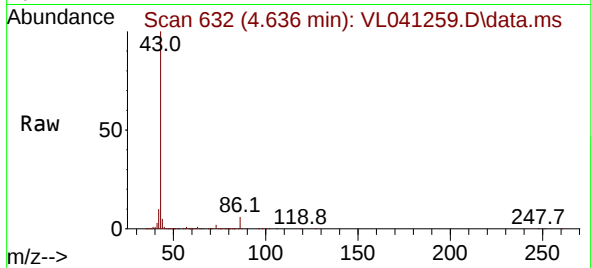
Tgt Ion: 96 Resp: 488444
 Ion Ratio Lower Upper
 96 100
 61 177.3 137.6 206.4
 98 63.5 50.6 76.0





#23
 Vinyl Acetate
 Concen: 11.086 ppbv
 RT: 4.636 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

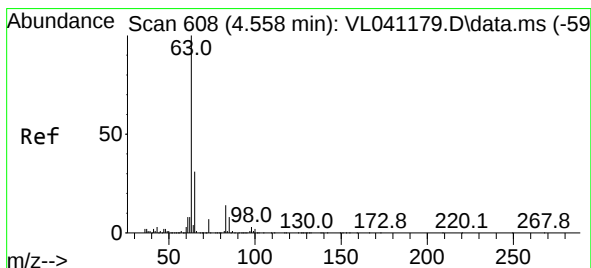
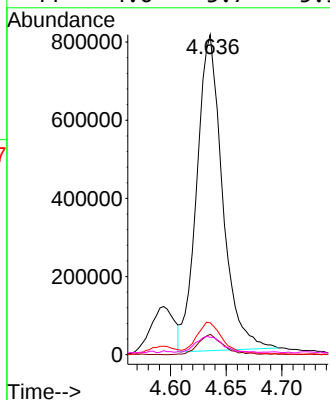
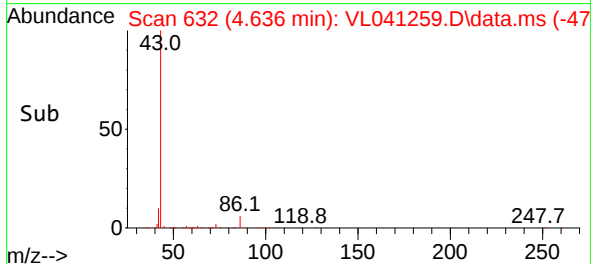
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



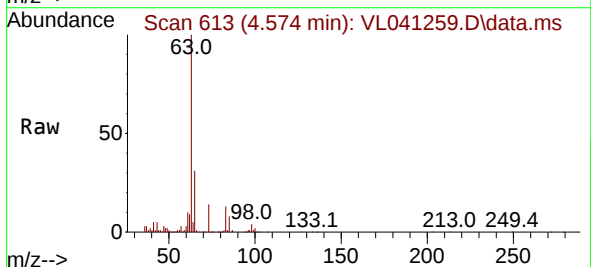
Tgt Ion: 43 Resp: 1295019
 Ion Ratio Lower Upper
 43 100
 86 6.3 4.9 7.3
 42 9.9 8.0 12.0
 44 4.6 3.7 5.5

Manual Integrations
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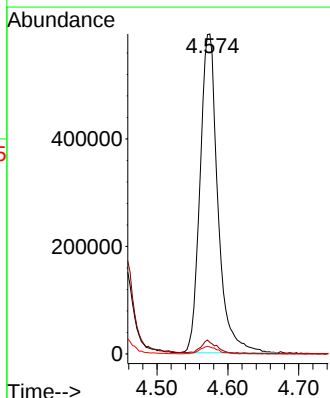
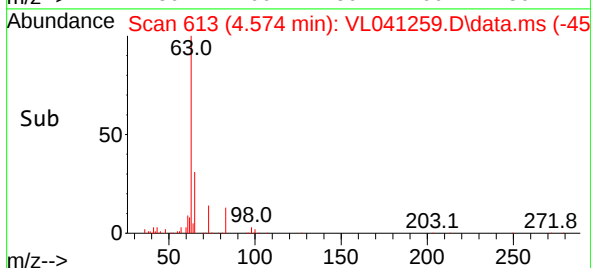
Reviewed By :Semsettin Yesilyurt 05/22/2024
 Supervised By :Mahesh Dadoda 05/22/2024

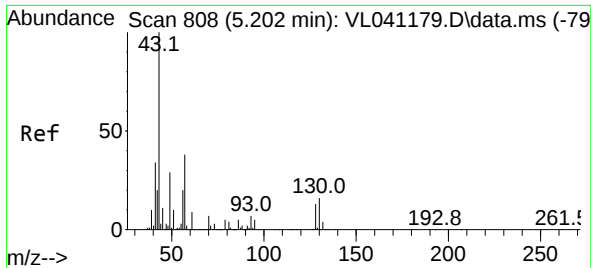


#24
 1,1-Dichloroethane
 Concen: 11.372 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47



Tgt Ion: 63 Resp: 1032902
 Ion Ratio Lower Upper
 63 100
 98 3.5 1.6 4.8
 100 2.2 1.1 3.5





#25

Ethyl Acetate

Concen: 10.643 ppbv

RT: 5.211 min Scan# 811

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 225349

Ion Ratio Lower Upper

43 100

45 10.1 8.2 12.2

61 9.5 7.7 11.5

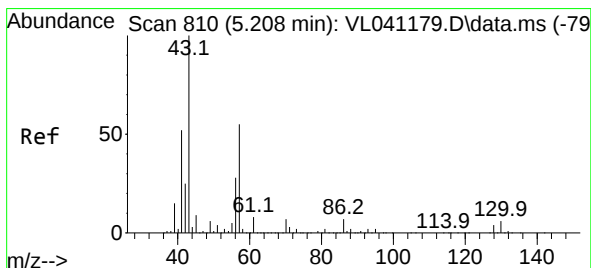
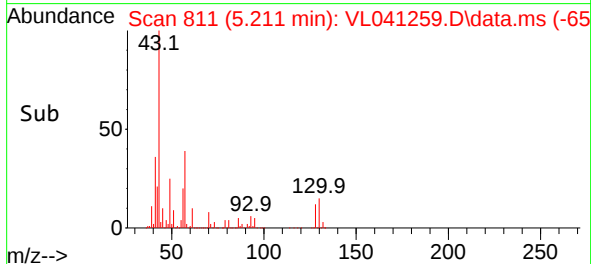
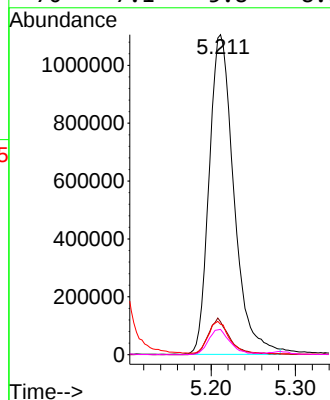
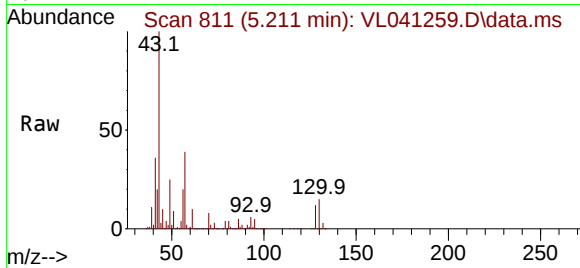
70 7.1 5.8 8.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2024

Supervised By :Mahesh Dadoda 05/22/2024



#26

Hexane

Concen: 10.467 ppbv

RT: 5.221 min Scan# 814

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Tgt Ion: 57 Resp: 989044

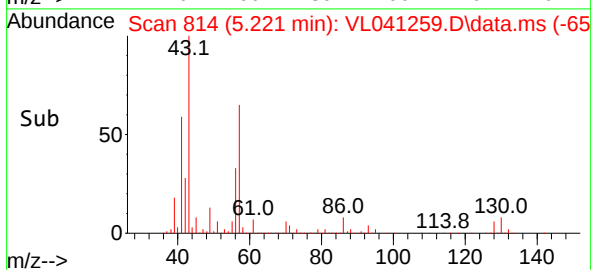
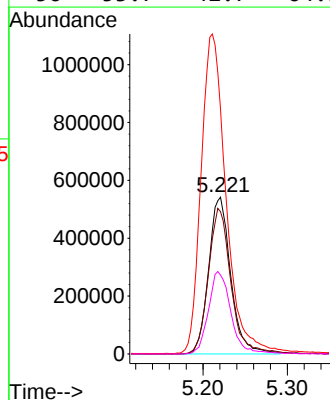
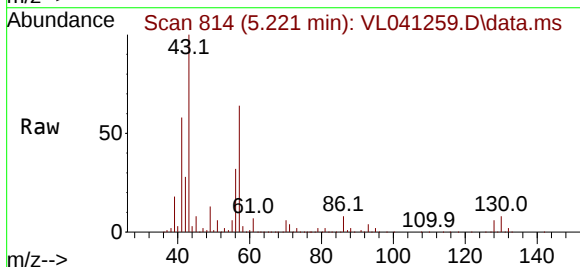
Ion Ratio Lower Upper

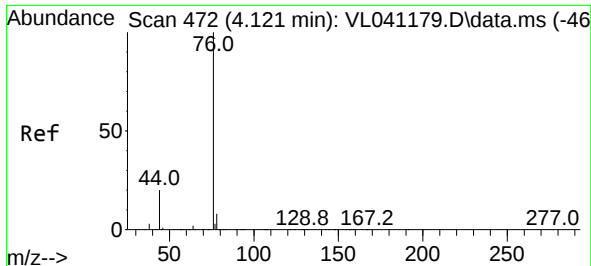
57 100

41 95.6 75.8 113.8

43 231.5 187.0 280.4

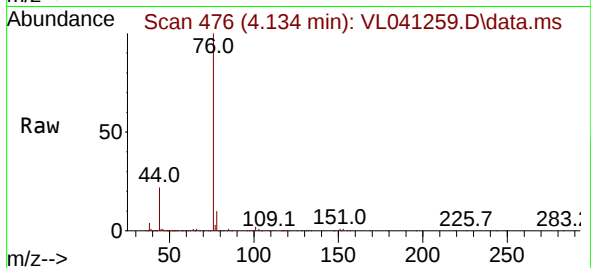
56 53.7 42.7 64.1





#27
Carbon Disulfide
Concen: 11.207 ppbv
RT: 4.134 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

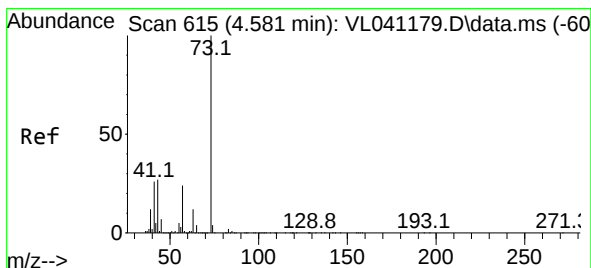
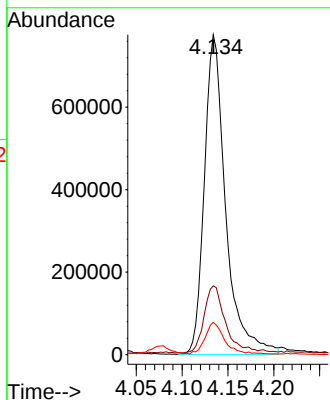
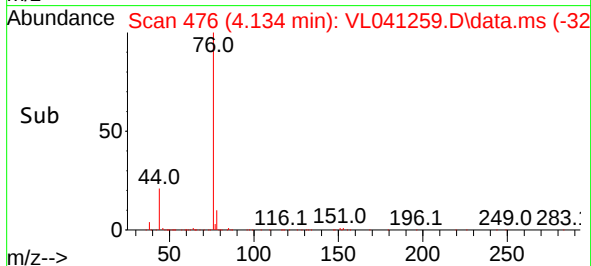
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 125356
Ion Ratio Lower Upper
76 100
44 22.0 16.3 24.5
78 9.5 7.3 10.9

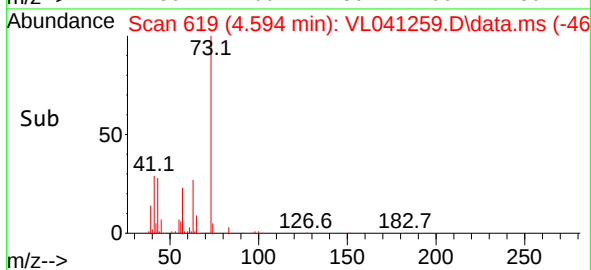
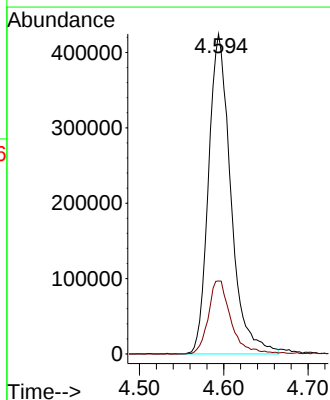
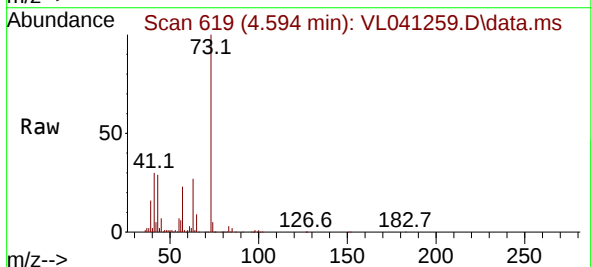
Manual Integrations
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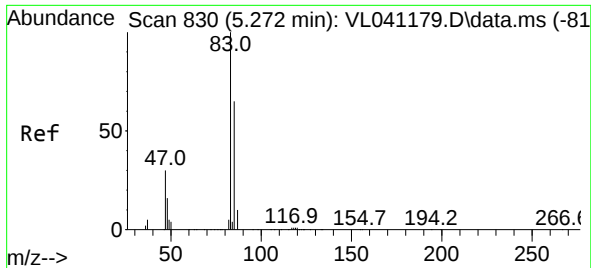
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#28
Methyl tert-Butyl Ether
Concen: 10.374 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 73 Resp: 780538
Ion Ratio Lower Upper
73 100
57 23.4 18.8 28.2





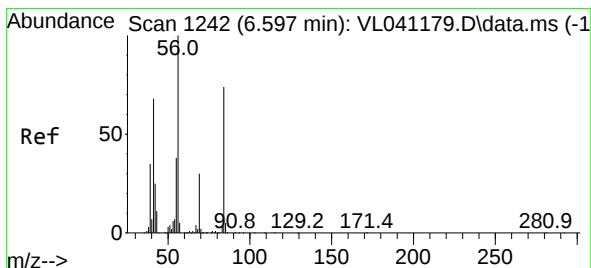
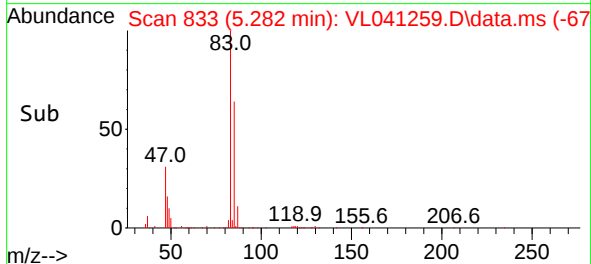
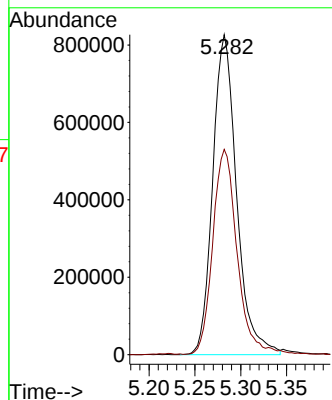
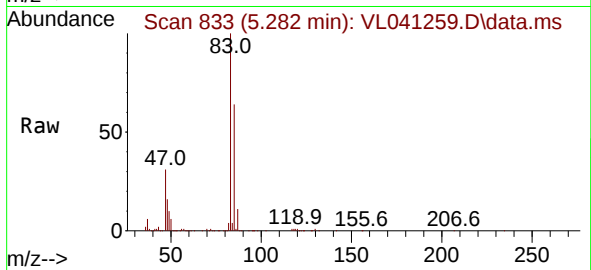
#29
Chloroform
Concen: 11.498 ppbv
RT: 5.282 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 149878
Ion Ratio Lower Upper
83 100
85 63.9 51.7 77.5

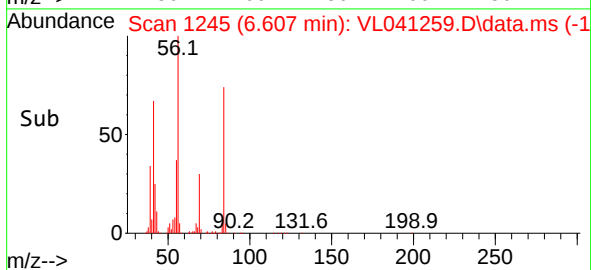
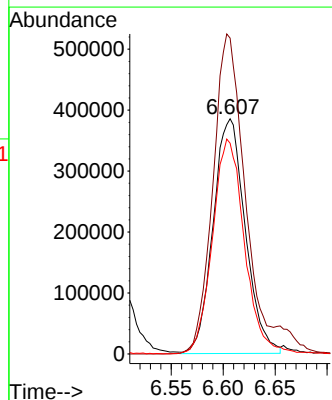
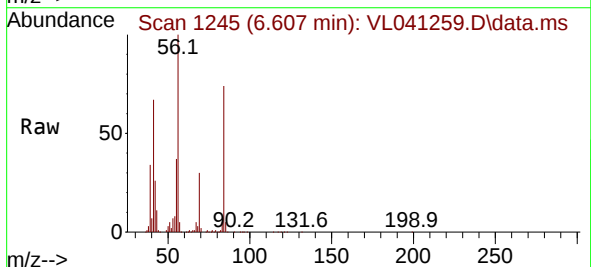
Manual Integrations
APPROVED

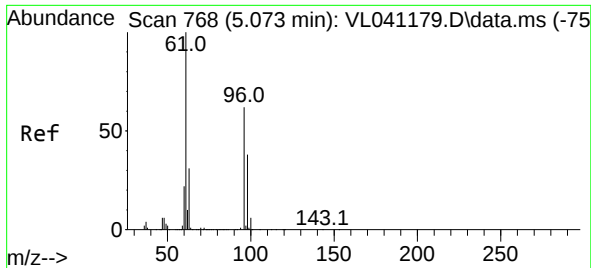
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#30
Cyclohexane
Concen: 11.073 ppbv
RT: 6.607 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 84 Resp: 828217
Ion Ratio Lower Upper
84 100
56 141.8 116.8 175.2
41 91.7 73.8 110.8





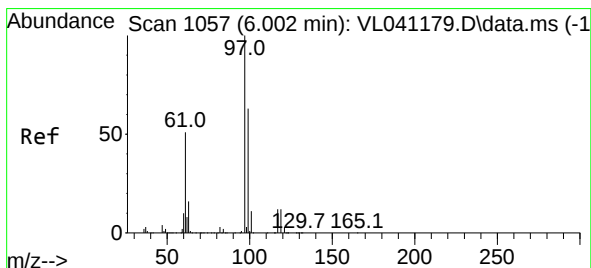
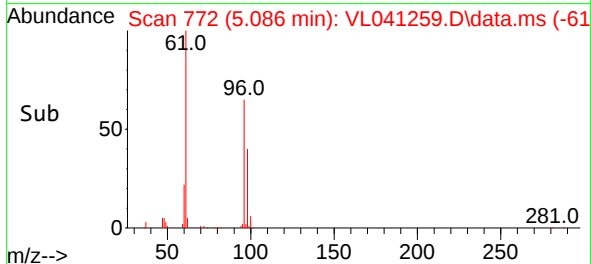
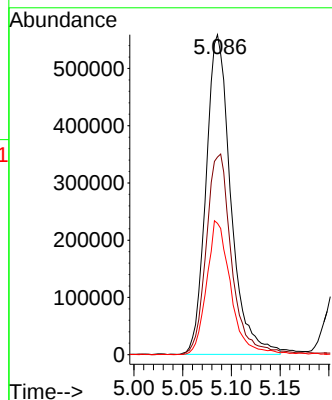
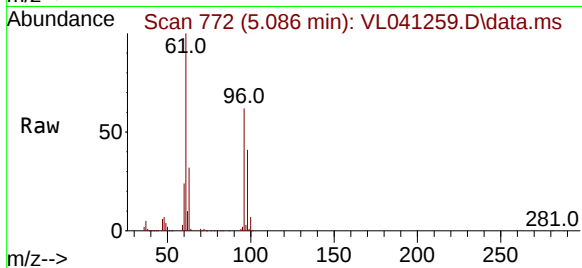
#31
cis-1,2-Dichloroethene
Concen: 11.186 ppbv
RT: 5.086 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 98954
Ion Ratio Lower Upper
61 100
96 61.7 49.8 74.6
98 41.0 30.0 45.0

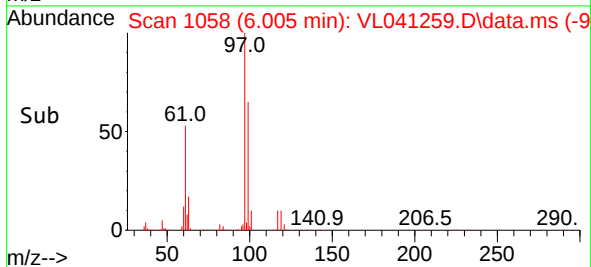
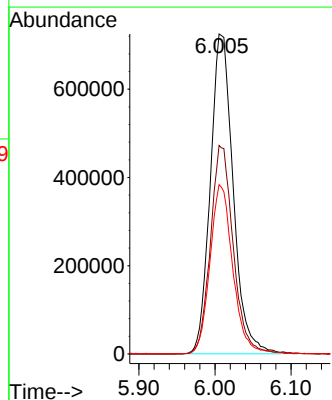
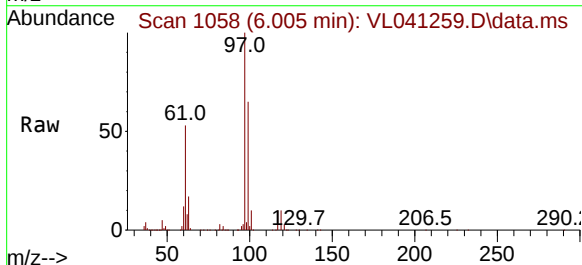
Manual Integrations
APPROVED

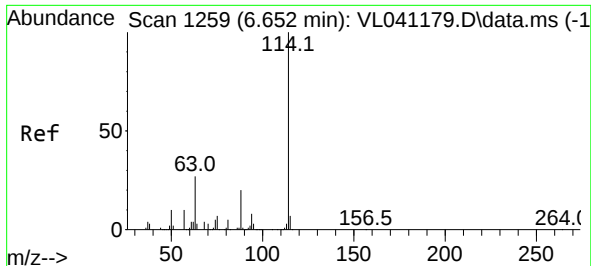
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#32
1,1,1-Trichloroethane
Concen: 11.654 ppbv
RT: 6.005 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 97 Resp: 1515817
Ion Ratio Lower Upper
97 100
99 65.1 51.7 77.5
61 52.8 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL041259.D

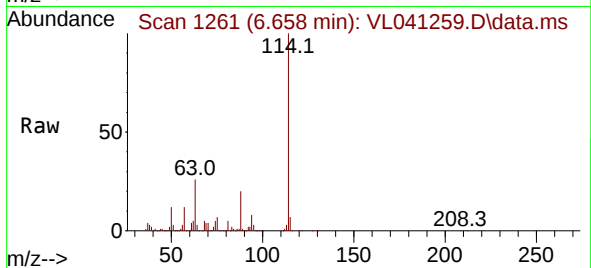
Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:114 Resp: 2346389

Ion Ratio Lower Upper

114 100

63 26.0 21.8 32.6

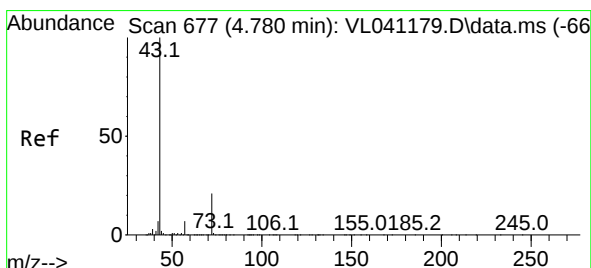
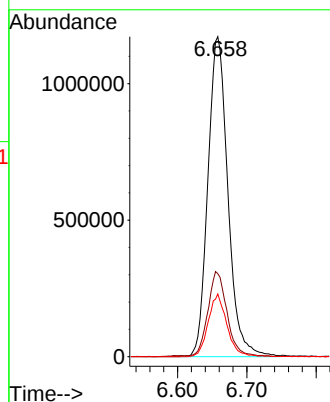
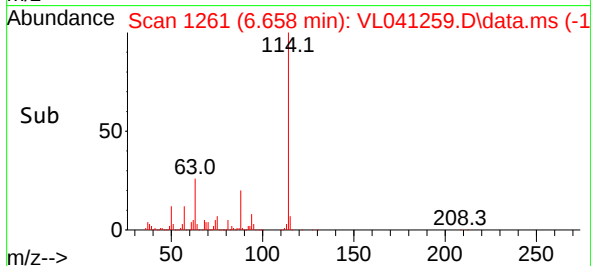
88 18.4 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2024

Supervised By :Mahesh Dadoda 05/22/2024



#34

2-Butanone

Concen: 10.073 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.000 min

Lab File: VL041259.D

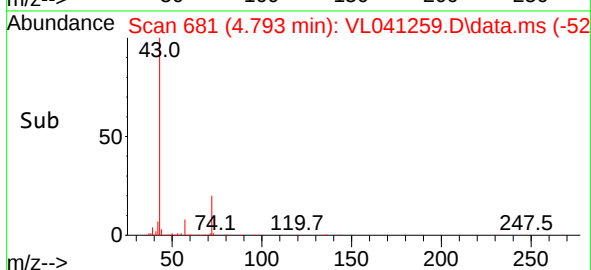
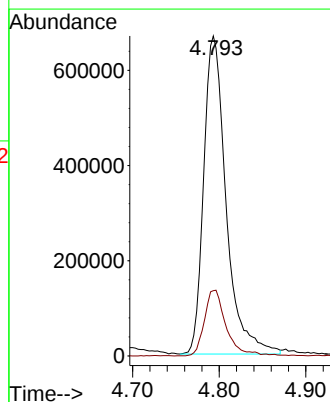
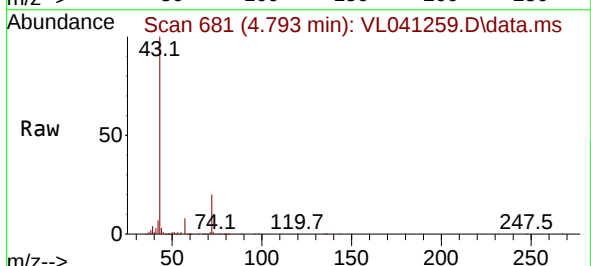
Acq: 21 May 2024 10:47

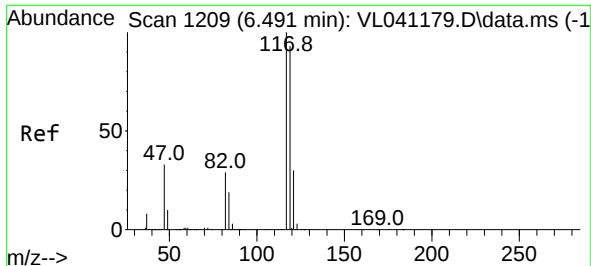
Tgt Ion: 43 Resp: 1202997

Ion Ratio Lower Upper

43 100

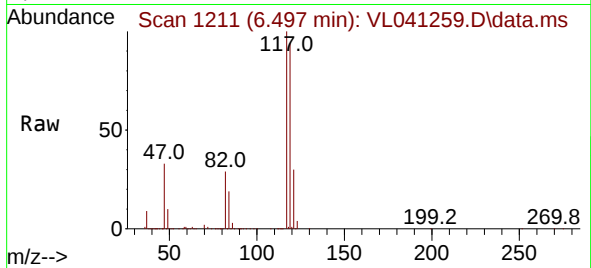
72 20.2 17.3 25.9





#35
Carbon Tetrachloride
Concen: 11.744 ppbv
RT: 6.497 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

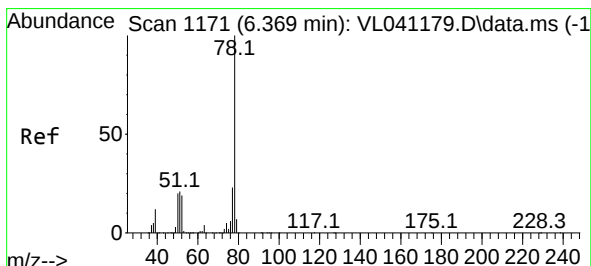
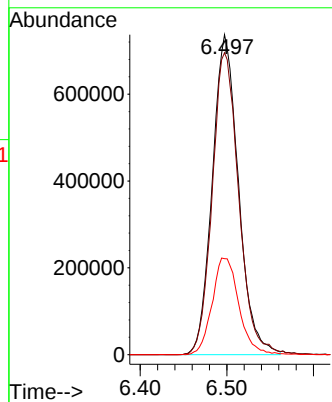
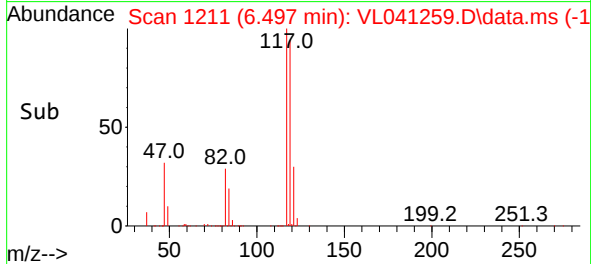
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 1546450
Ion Ratio Lower Upper
117 100
119 94.3 74.3 111.5
121 30.0 23.8 35.8

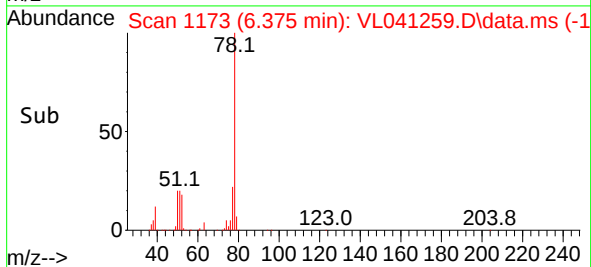
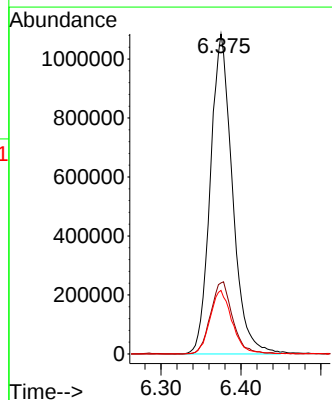
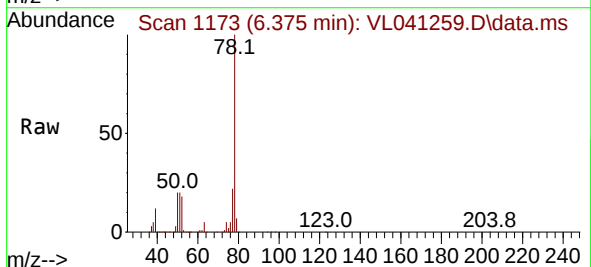
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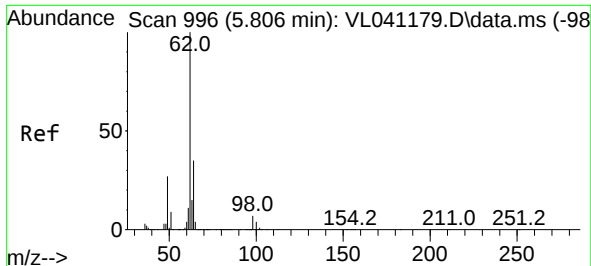
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#36
Benzene
Concen: 10.551 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 78 Resp: 2077600
Ion Ratio Lower Upper
78 100
77 22.2 18.3 27.5
50 19.8 15.9 23.9





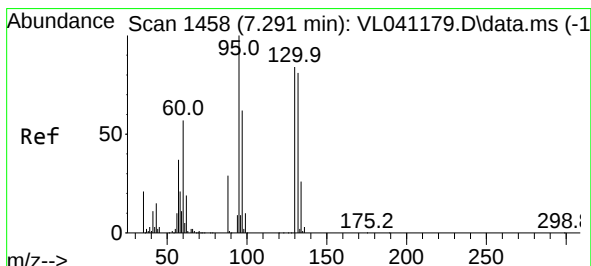
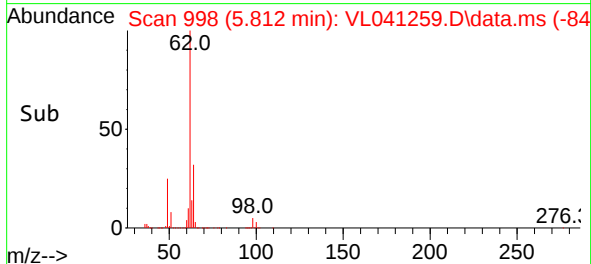
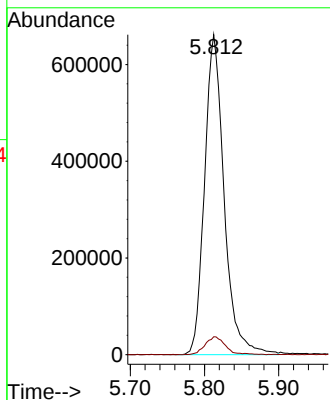
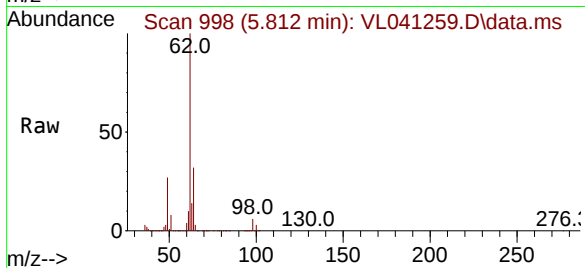
#37
1,2-Dichloroethane
Concen: 11.774 ppbv
RT: 5.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 120961
Ion Ratio Lower Upper
62 100
98 6.0 5.0 7.4

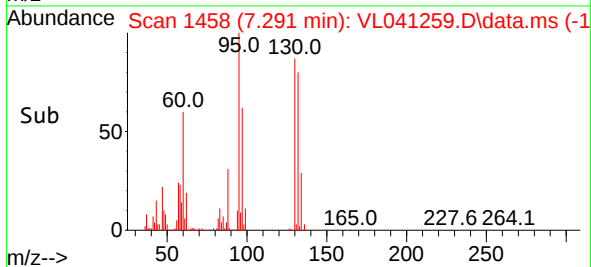
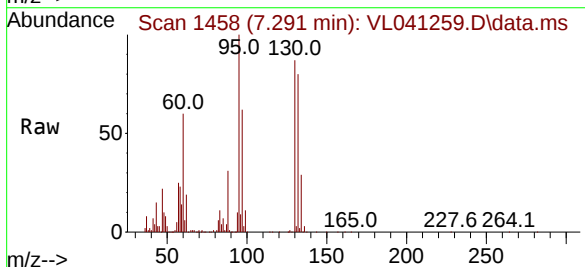
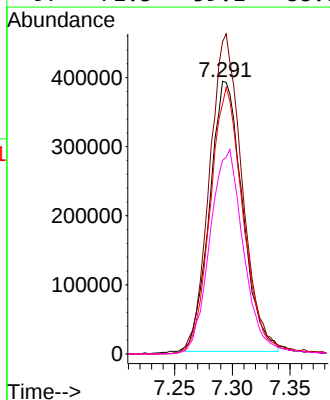
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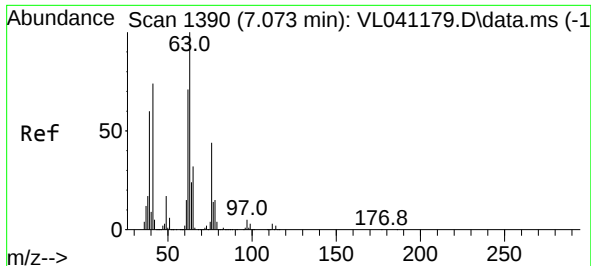
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#38
Trichloroethene
Concen: 10.549 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion:130 Resp: 774038
Ion Ratio Lower Upper
130 100
95 115.1 95.0 142.6
132 92.0 77.0 115.4
97 71.3 59.1 88.7





#39

1,2-Dichloropropane

Concen: 10.581 ppbv

RT: 7.076 min Scan# 1390

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

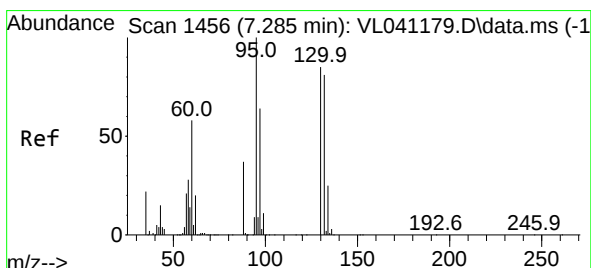
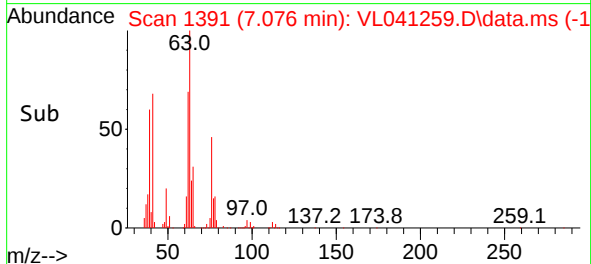
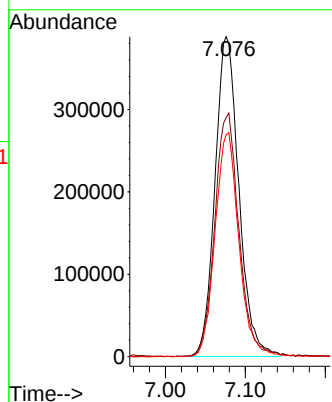
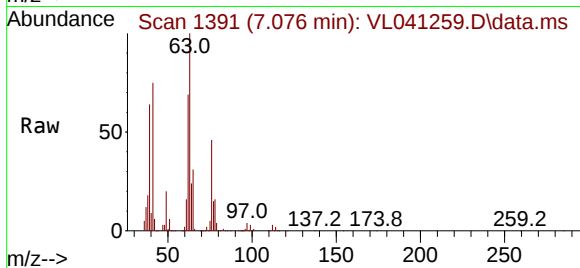
Tgt Ion: 63 Resp: 80294

Ion	Ratio	Lower	Upper
63	100		
41	74.6	59.4	89.0
62	69.4	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#40

1,4-Dioxane

Concen: 11.682 ppbv

RT: 7.288 min Scan# 1457

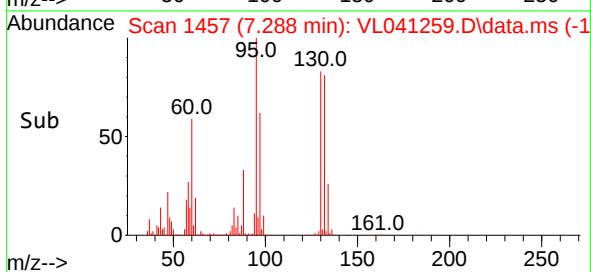
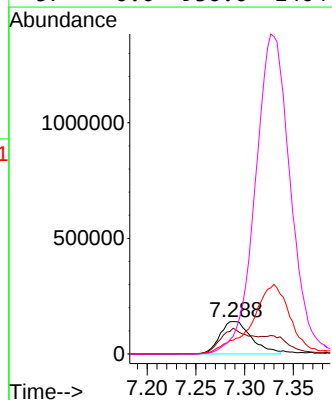
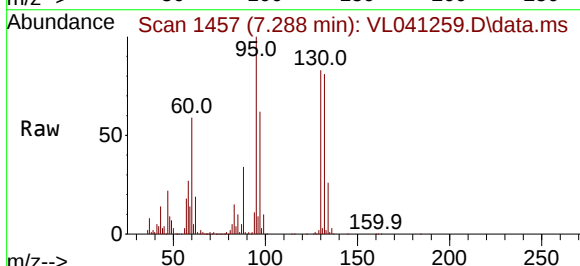
Delta R.T. 0.000 min

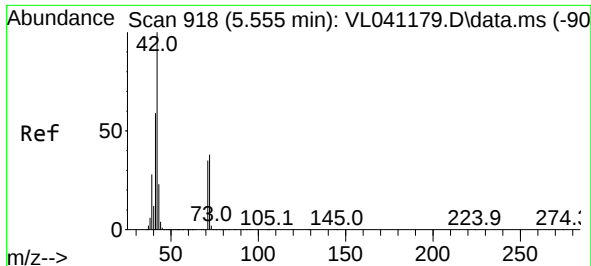
Lab File: VL041259.D

Acq: 21 May 2024 10:47

Tgt Ion: 88 Resp: 316712

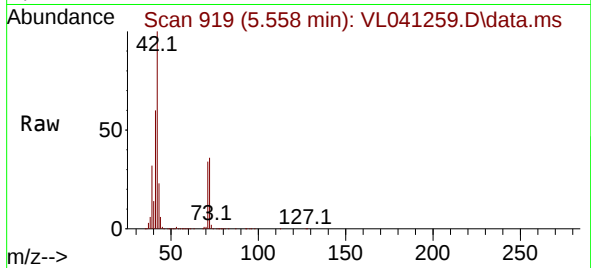
Ion	Ratio	Lower	Upper
88	100		
58	127.3	106.1	159.1
43	0.0	219.8	329.6#
57	0.0	936.0	1404.0#





#41
Tetrahydrofuran
Concen: 9.935 ppbv
RT: 5.558 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

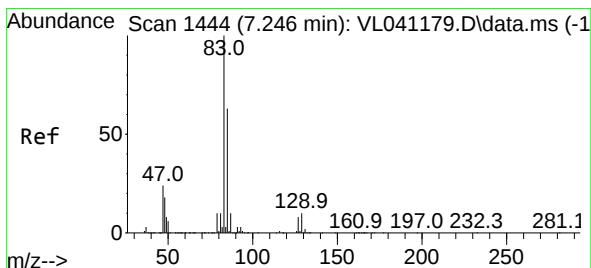
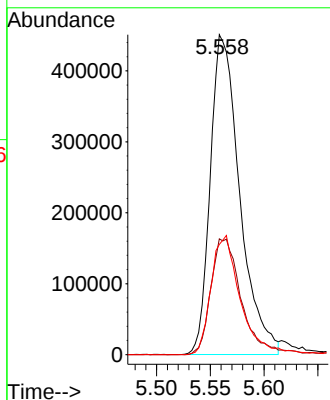
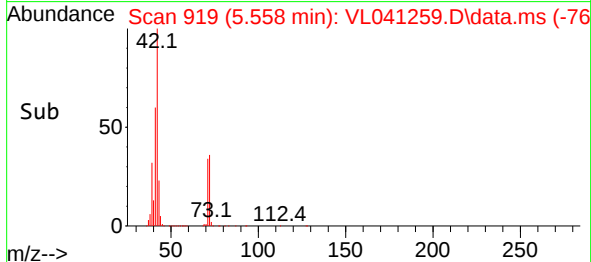
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 858940
Ion Ratio Lower Upper
42 100
72 38.4 29.4 44.0
71 37.6 29.1 43.7

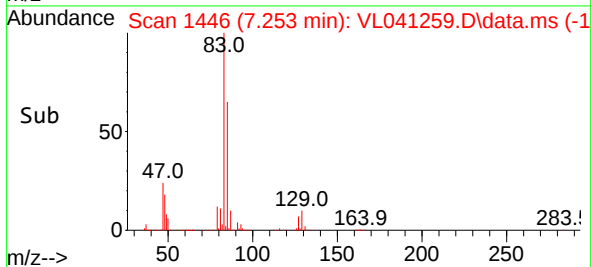
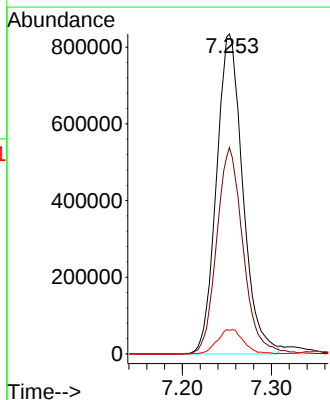
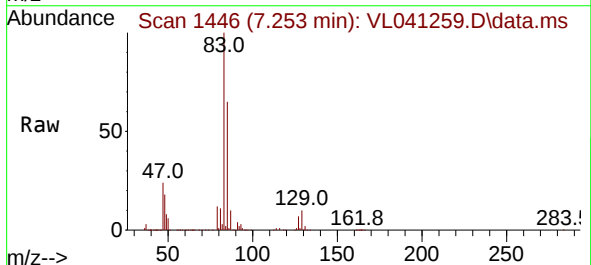
Manual Integrations
APPROVED

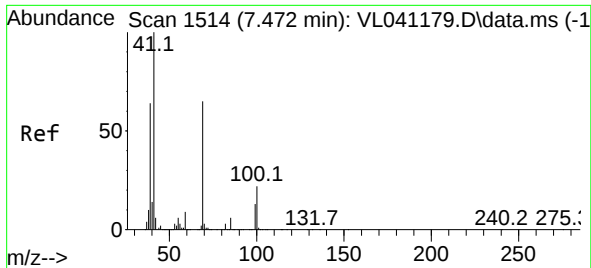
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#42
Bromodichloromethane
Concen: 11.637 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 83 Resp: 1714644
Ion Ratio Lower Upper
83 100
85 64.5 50.6 75.8
127 7.4 6.2 9.4





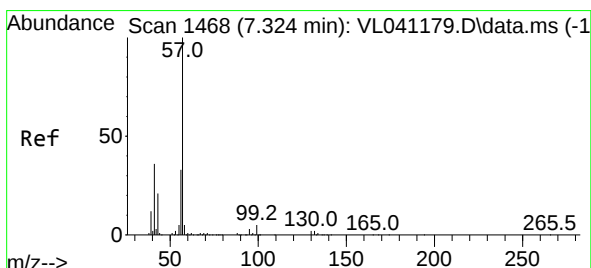
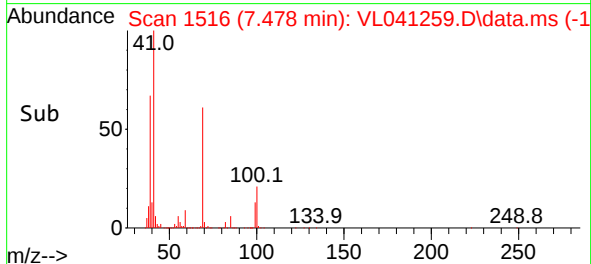
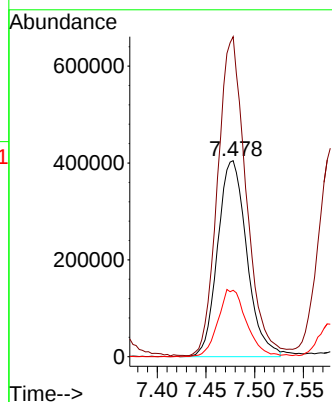
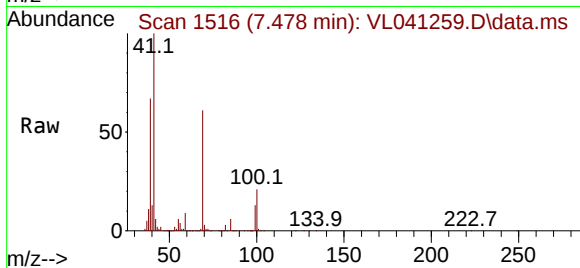
#43
Methyl Methacrylate
Concen: 10.547 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 83993
Ion Ratio Lower Upper
69 100
41 159.4 125.2 187.8
100 33.5 26.7 40.1

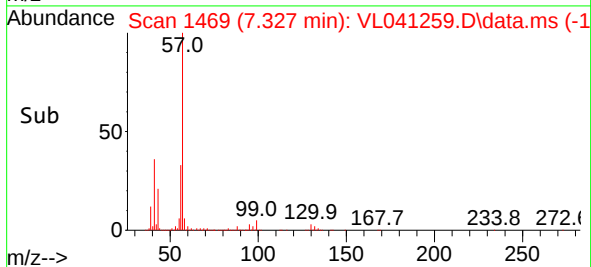
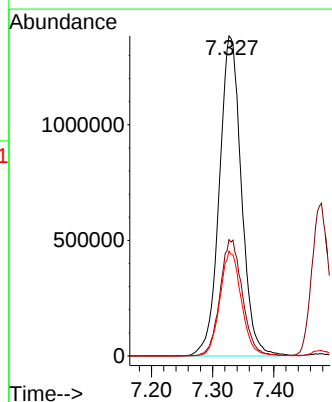
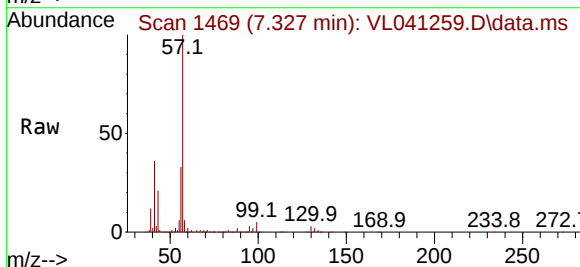
Manual Integrations
APPROVED

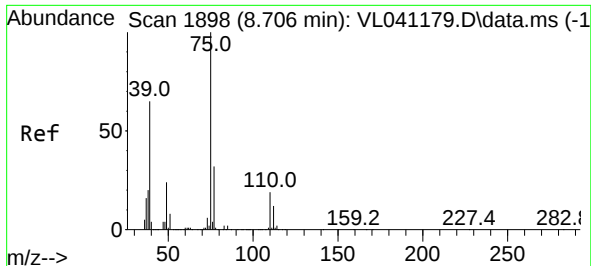
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#44
2,2,4-Trimethylpentane
Concen: 10.227 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 57 Resp: 3472268
Ion Ratio Lower Upper
57 100
41 36.7 29.5 44.3
56 31.8 25.3 37.9





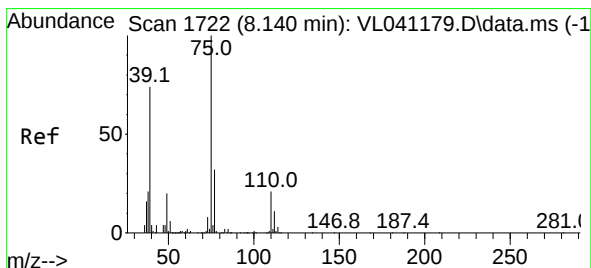
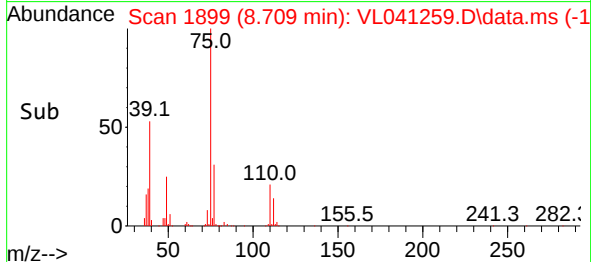
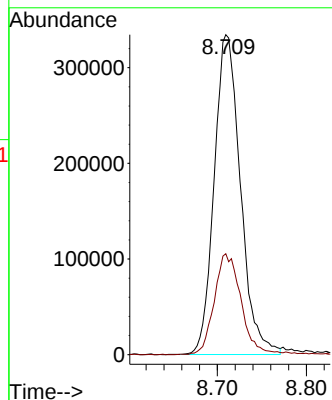
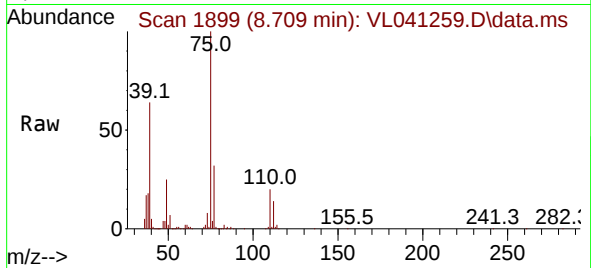
#45
 t-1,3-Dichloropropene
 Concen: 11.876 ppbv
 RT: 8.709 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 685352
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4

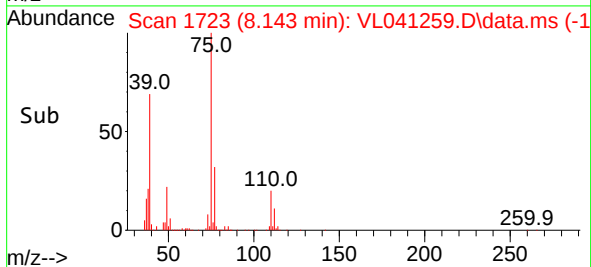
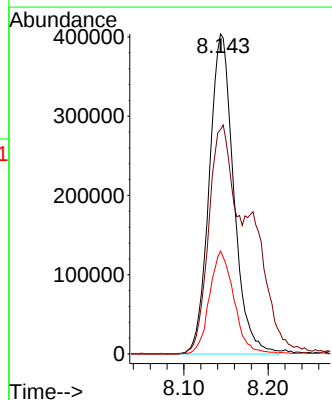
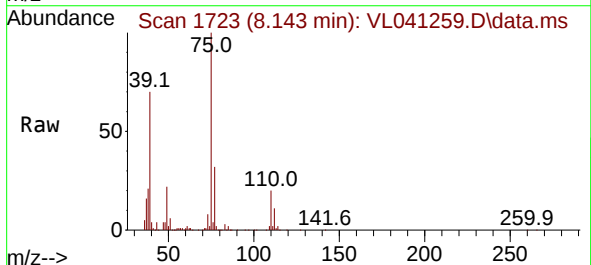
Manual Integrations
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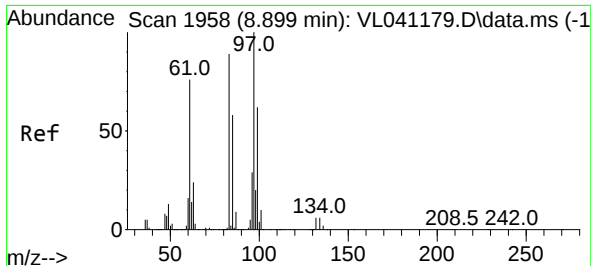
Reviewed By :Semsettin Yesilyurt 05/22/2024
 Supervised By :Mahesh Dadoda 05/22/2024



#46
 cis-1,3-Dichloropropene
 Concen: 11.549 ppbv
 RT: 8.143 min Scan# 1723
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

Tgt Ion: 75 Resp: 815992
 Ion Ratio Lower Upper
 75 100
 39 69.9 59.4 89.2
 77 32.1 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 11.124 ppbv

RT: 8.899 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 844911

Ion Ratio Lower Upper

97 100

83 90.0 71.2 106.8

85 57.2 46.0 69.0

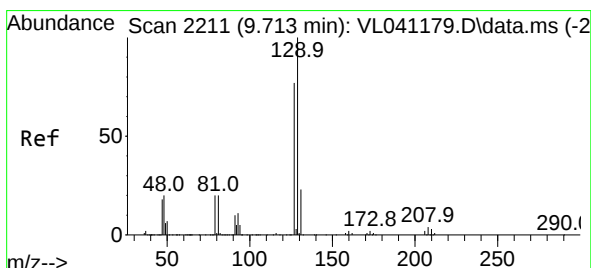
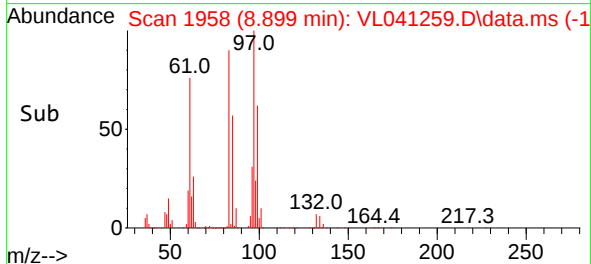
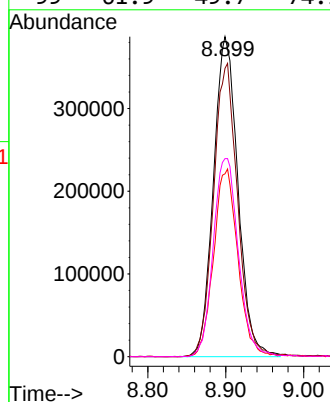
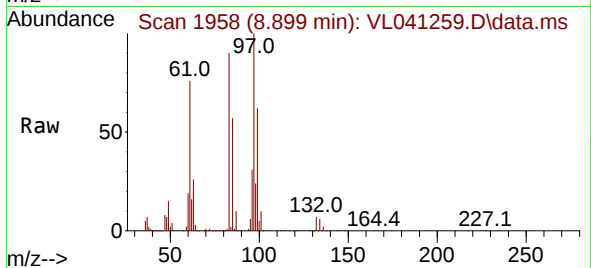
99 61.9 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2024

Supervised By :Mahesh Dadoda 05/22/2024



#48

Dibromochloromethane

Concen: 11.927 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VL041259.D

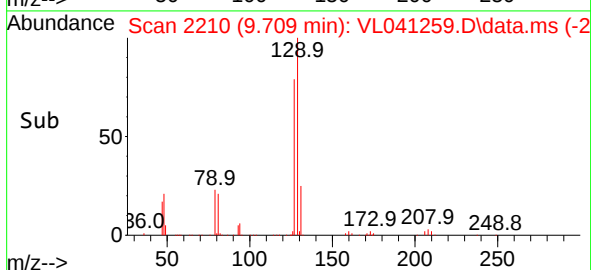
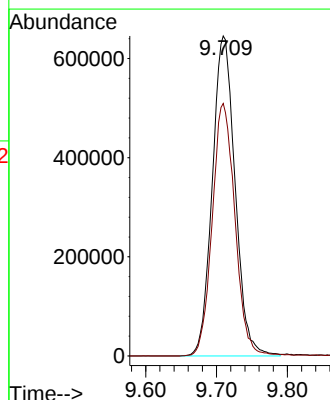
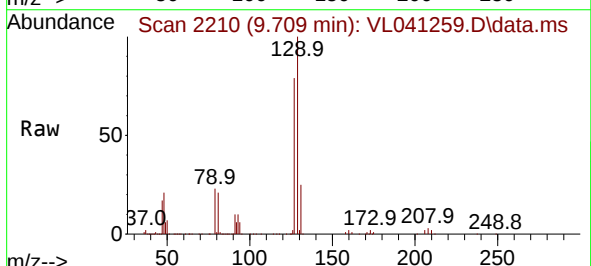
Acq: 21 May 2024 10:47

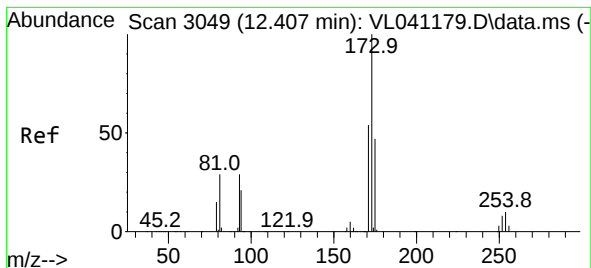
Tgt Ion:129 Resp: 1443378

Ion Ratio Lower Upper

129 100

127 79.0 39.1 117.5





#49

Bromoform

Concen: 11.815 ppbv

RT: 12.404 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 121635

Ion Ratio Lower Upper

173 100

175 48.9 39.8 59.8

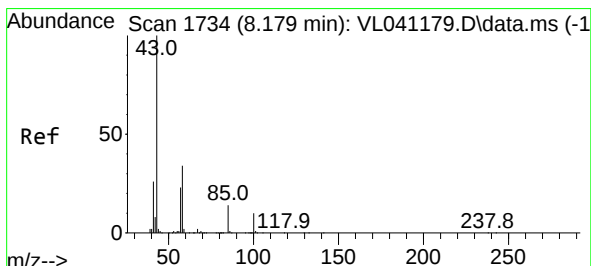
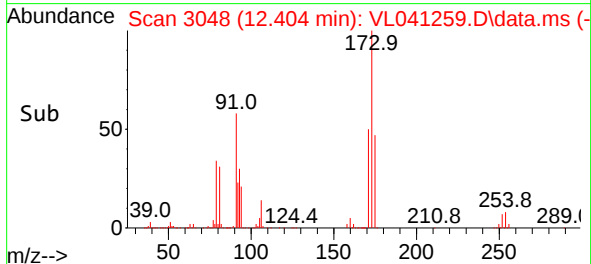
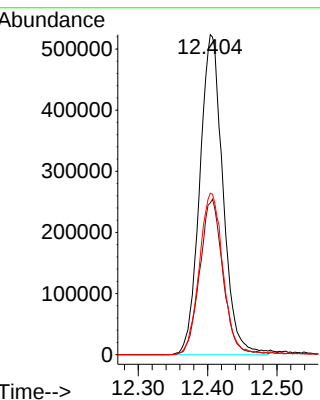
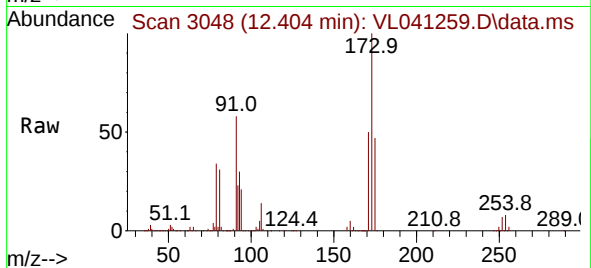
171 52.2 41.8 62.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2024

Supervised By :Mahesh Dadoda 05/22/2024



#50

4-Methyl-2-Pentanone

Concen: 10.250 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VL041259.D

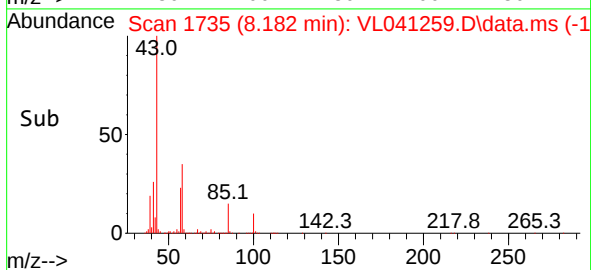
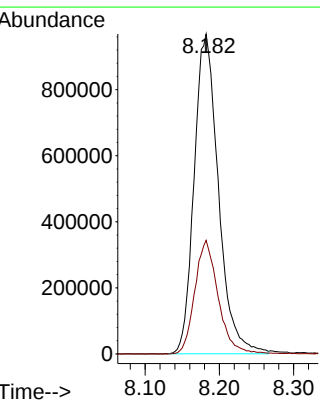
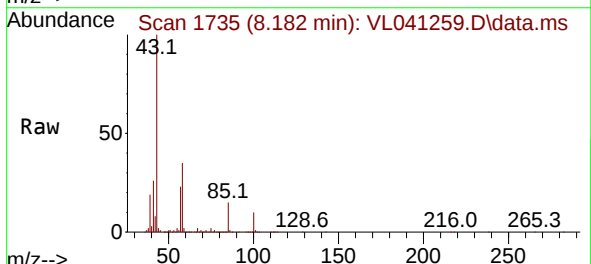
Acq: 21 May 2024 10:47

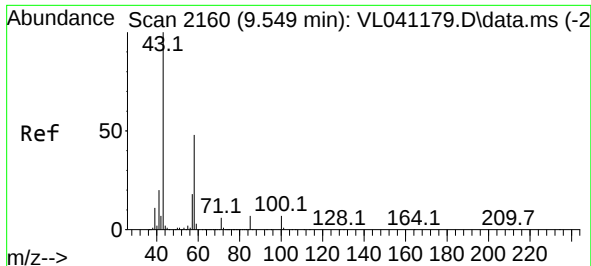
Tgt Ion: 43 Resp: 2196819

Ion Ratio Lower Upper

43 100

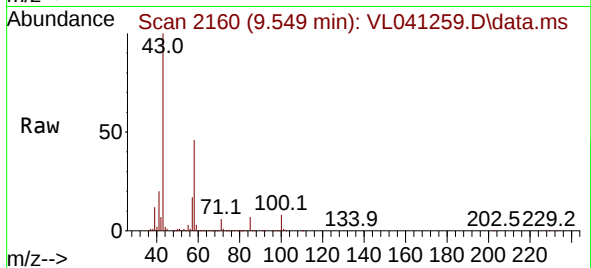
58 34.4 27.7 41.5





#51
2-Hexanone
Concen: 10.080 ppbv
RT: 9.549 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

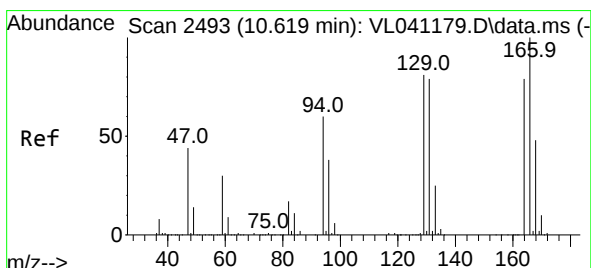
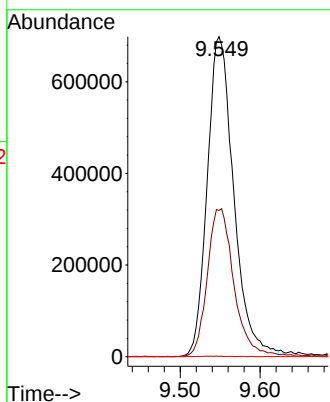
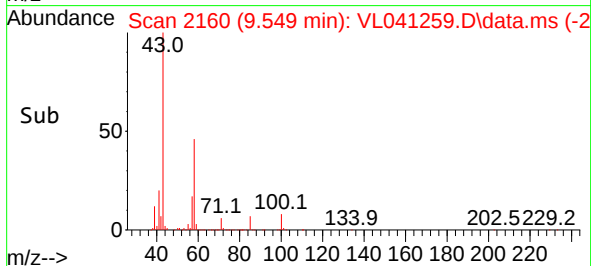
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



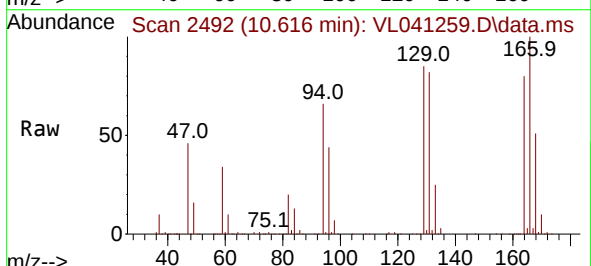
Tgt Ion: 43 Resp: 1602549
Ion Ratio Lower Upper
43 100
58 47.2 38.4 57.6
98 0.2 0.0 0.0

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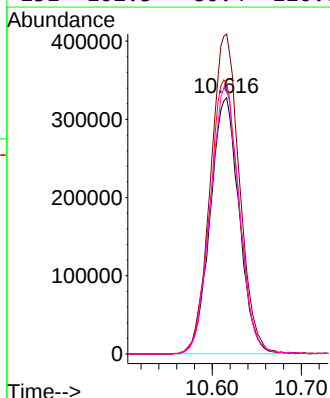
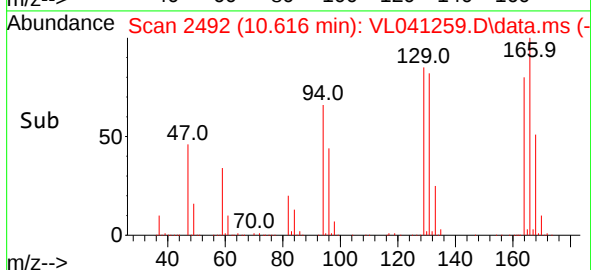
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024

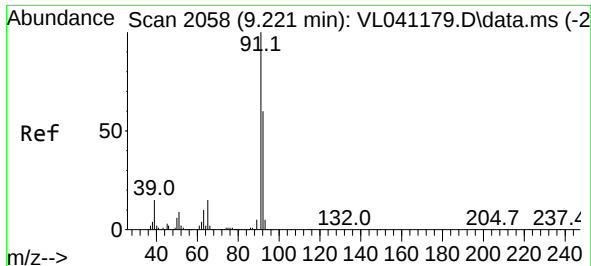


#52
Tetrachloroethene
Concen: 10.611 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47



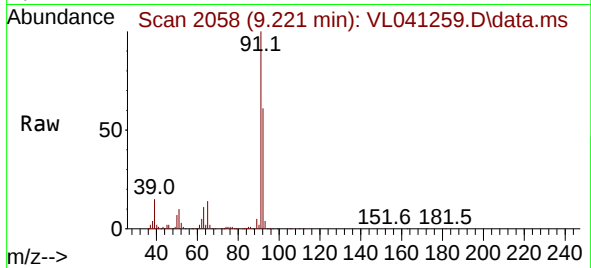
Tgt Ion:164 Resp: 734338
Ion Ratio Lower Upper
164 100
166 124.9 101.1 151.7
129 105.4 81.7 122.5
131 102.3 80.4 120.6





#53
Toluene
Concen: 10.601 ppbv
RT: 9.221 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

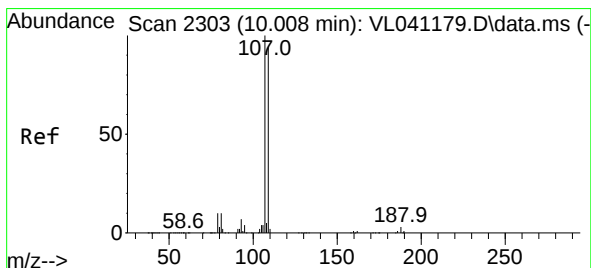
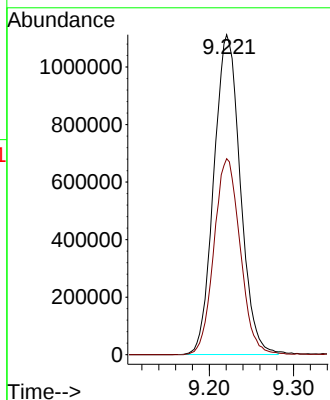
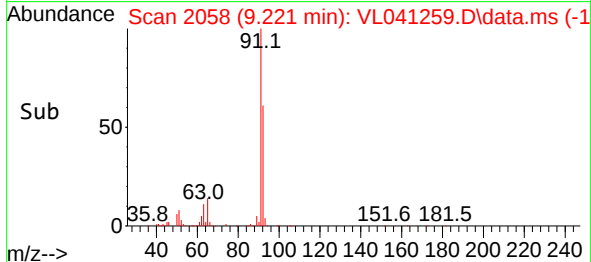
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



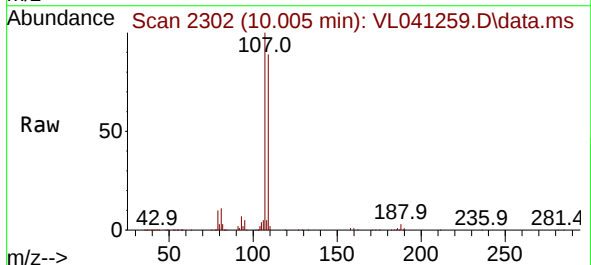
Tgt Ion: 91 Resp: 242043
Ion Ratio Lower Upper
91 100
92 61.0 48.2 72.4

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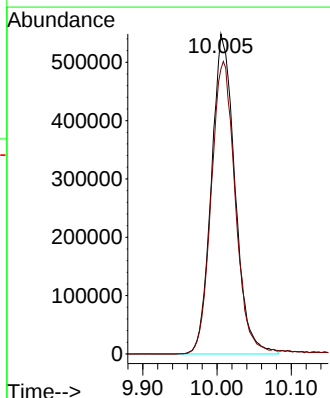
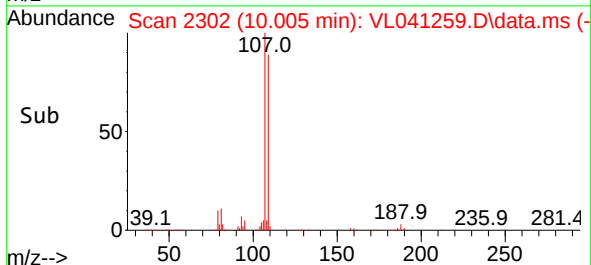
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024

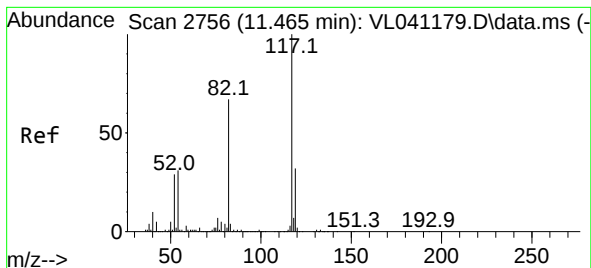


#54
1,2-Dibromoethane
Concen: 11.712 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47



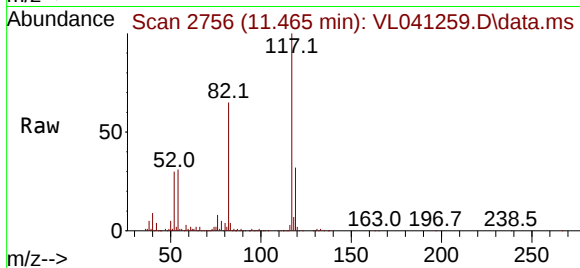
Tgt Ion:107 Resp: 1204910
Ion Ratio Lower Upper
107 100
109 89.0 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

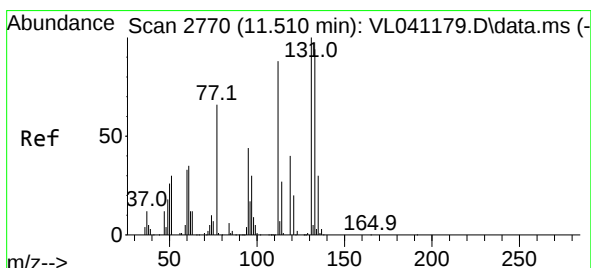
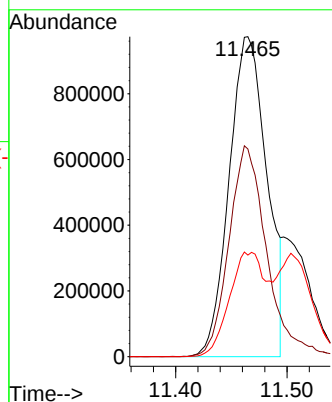
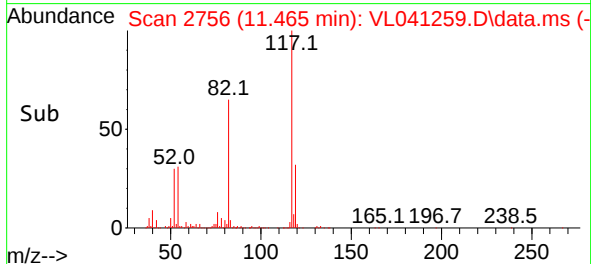
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



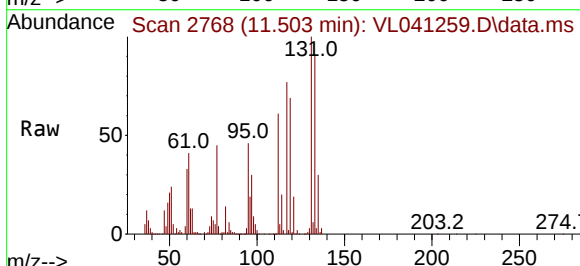
Tgt Ion:117 Resp: 229619
Ion Ratio Lower Upper
117 100
82 66.6 53.6 80.4
119 30.8 27.2 40.8

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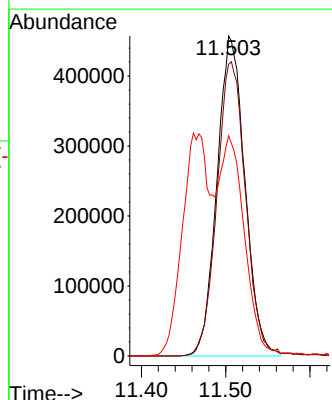
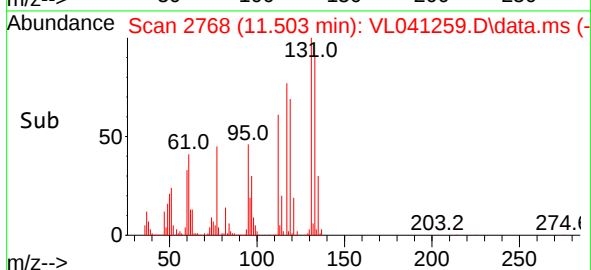
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024

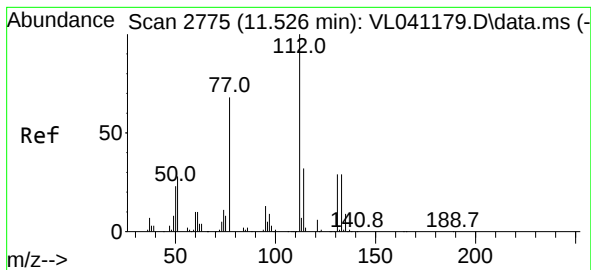


#56
1,1,1,2-Tetrachloroethane
Concen: 11.273 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47



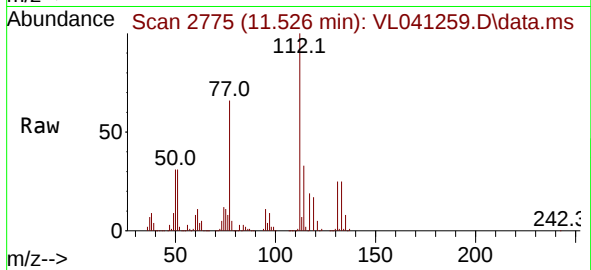
Tgt Ion:131 Resp: 1049605
Ion Ratio Lower Upper
131 100
133 95.3 76.3 114.5
119 62.3 49.4 74.2





#57
Chlorobenzene
Concen: 10.770 ppbv
RT: 11.526 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

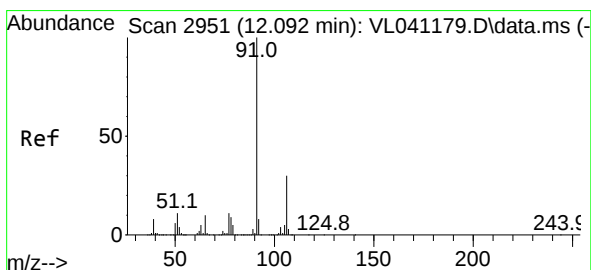
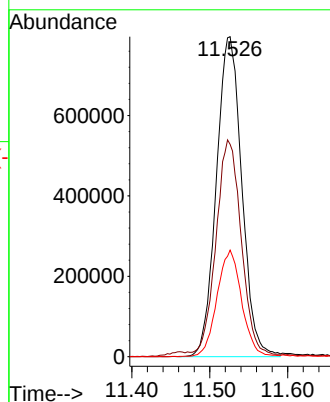
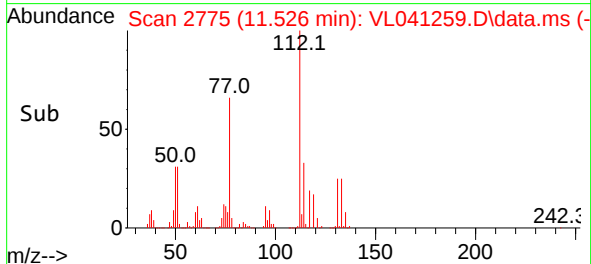
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 112 Resp: 1811180
Ion Ratio Lower Upper
112 100
77 65.6 54.9 82.3
114 33.2 28.7 35.1

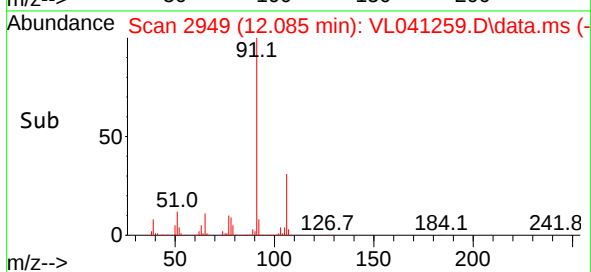
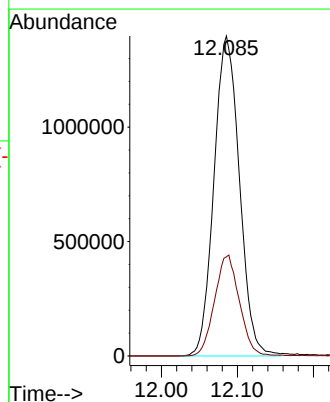
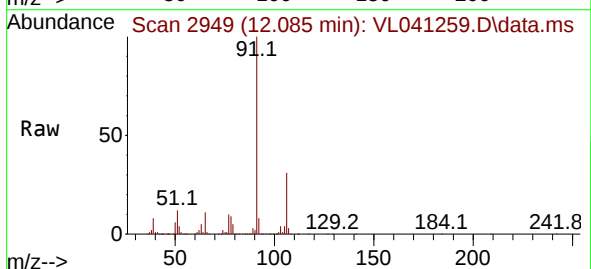
Manual Integrations
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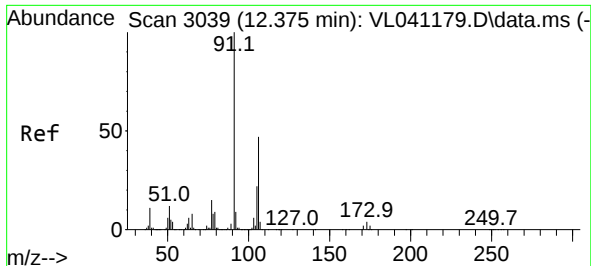
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#58
Ethyl Benzene
Concen: 10.310 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 91 Resp: 3246161
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5





#59

m/p-Xylene

Concen: 20.734 ppbv m

RT: 12.365 min Scan# 3036

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 5486680

Ion Ratio Lower Upper

91 100

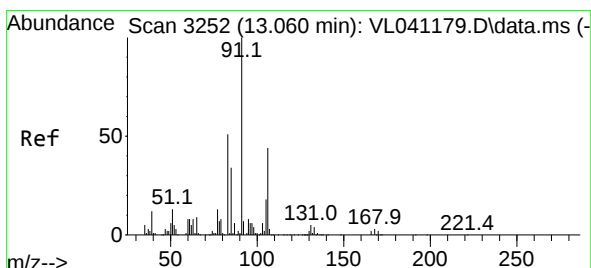
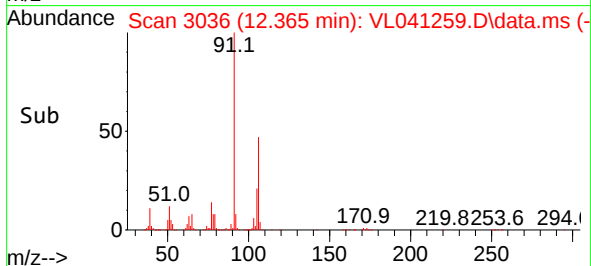
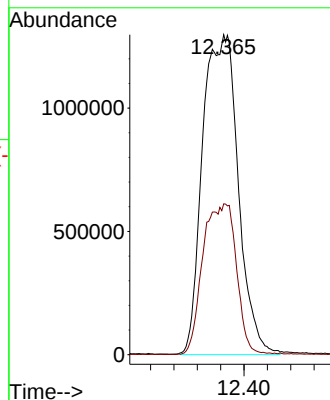
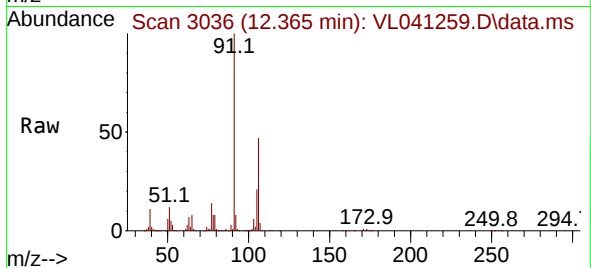
106 44.6 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2024

Supervised By :Mahesh Dadoda 05/22/2024



#60

o-Xylene

Concen: 10.511 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VL041259.D

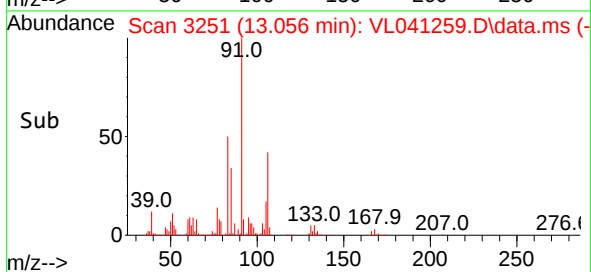
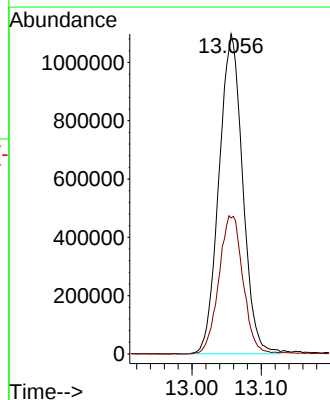
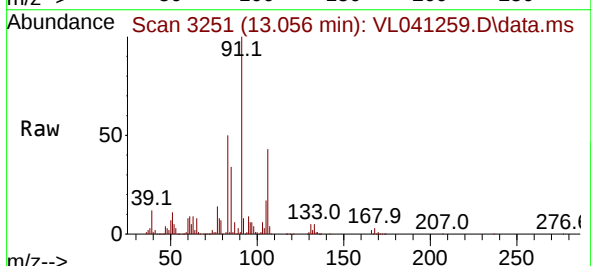
Acq: 21 May 2024 10:47

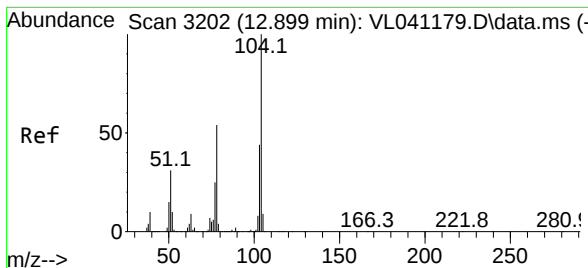
Tgt Ion: 91 Resp: 2607171

Ion Ratio Lower Upper

91 100

106 44.7 22.4 67.3





#61

Styrene

Concen: 10.760 ppbv

RT: 12.892 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041259.D

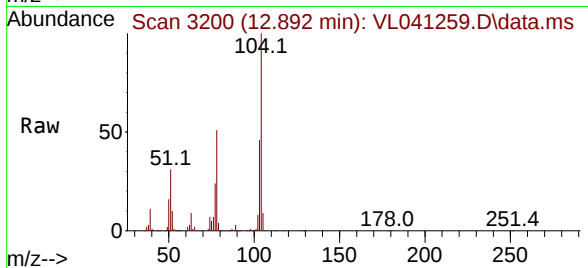
Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:104 Resp: 140998

Ion Ratio Lower Upper

104 100

78 52.2 42.6 63.8

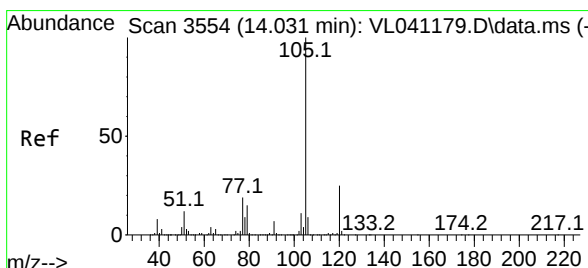
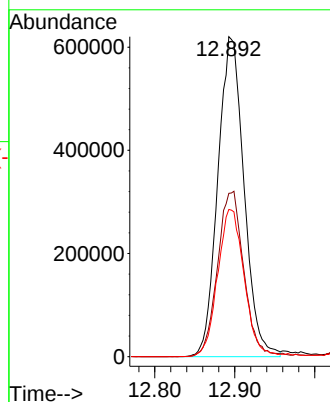
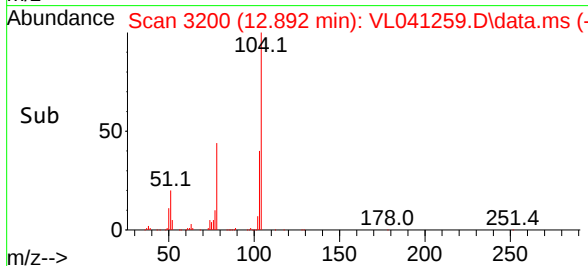
103 47.2 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2024

Supervised By :Mahesh Dadoda 05/22/2024



#62

Isopropylbenzene

Concen: 10.392 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. 0.000 min

Lab File: VL041259.D

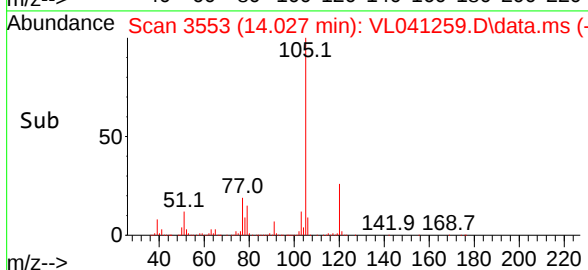
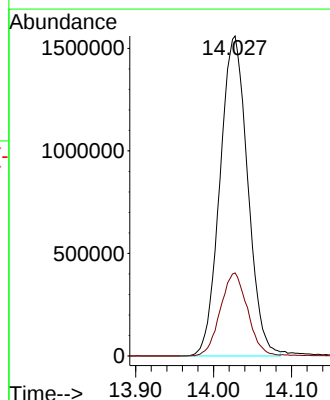
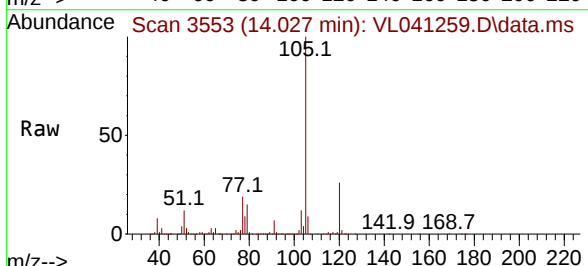
Acq: 21 May 2024 10:47

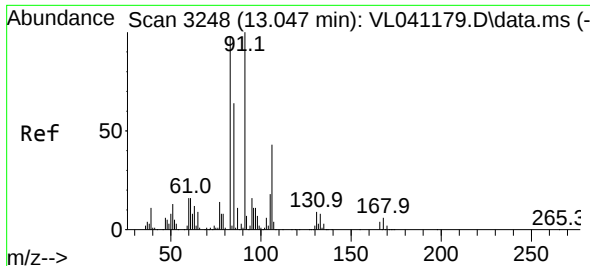
Tgt Ion:105 Resp: 3855680

Ion Ratio Lower Upper

105 100

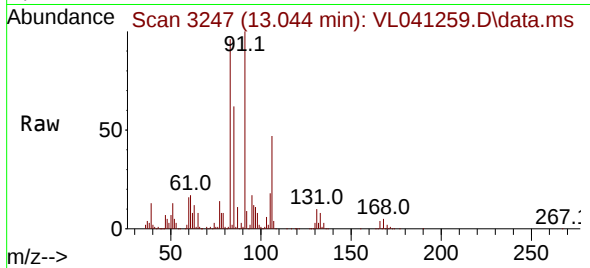
120 25.8 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 10.706 ppbv
RT: 13.044 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

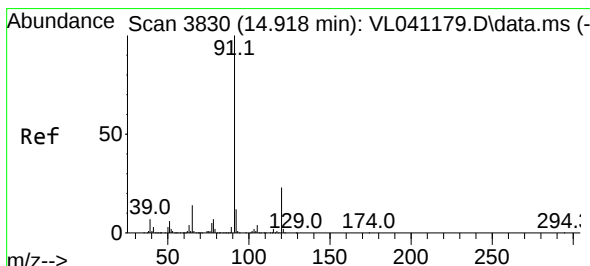
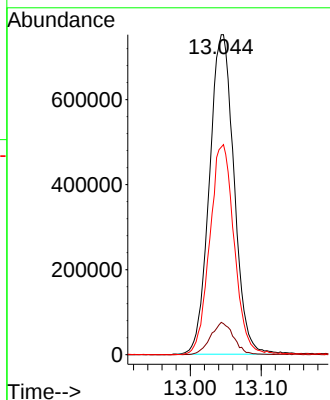
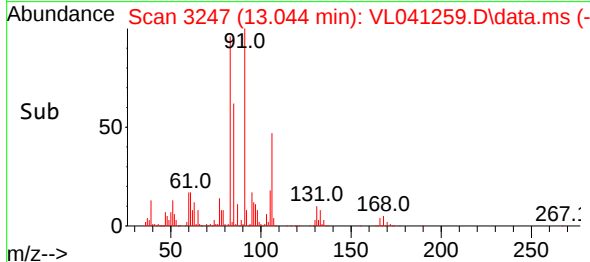
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



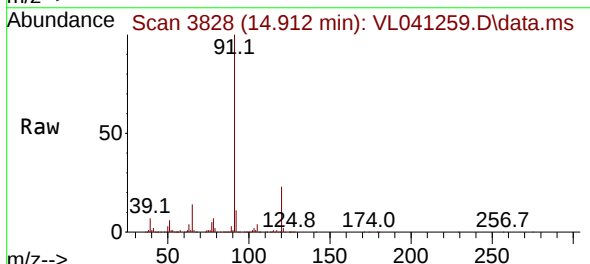
Tgt Ion: 83 Resp: 181014
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.5
85 66.2 32.7 98.1

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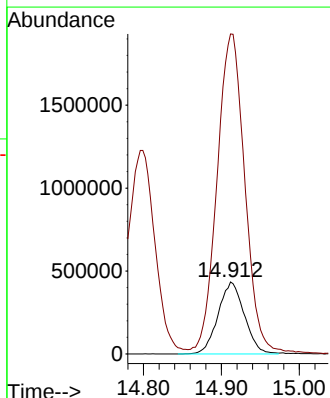
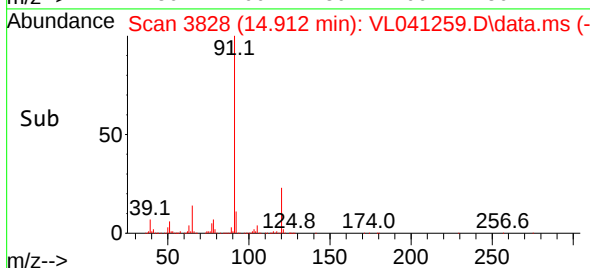
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024

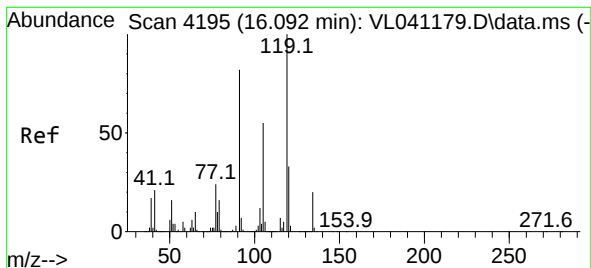


#64
n-propylbenzene
Concen: 10.970 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47



Tgt Ion:120 Resp: 1015406
Ion Ratio Lower Upper
120 100
91 474.9 384.8 577.2





#65

tert-Butylbenzene

Concen: 10.120 ppbv

RT: 16.089 min Scan# 4195

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 3362830

Ion Ratio Lower Upper

119 100

91 84.6 67.0 100.4

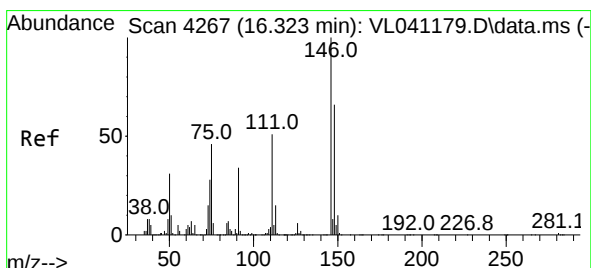
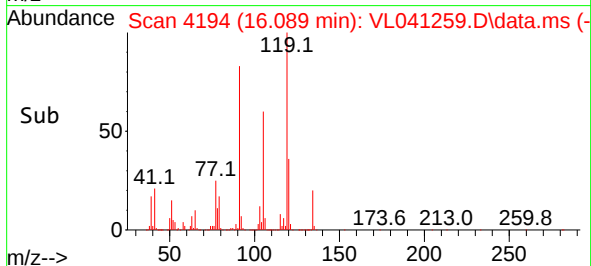
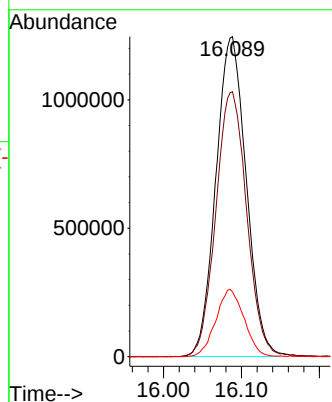
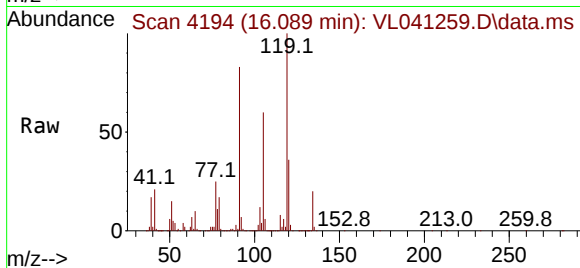
134 19.8 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2024

Supervised By :Mahesh Dadoda 05/22/2024



#66

Benzyl Chloride

Concen: 8.357 ppbv m

RT: 16.320 min Scan# 4266

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

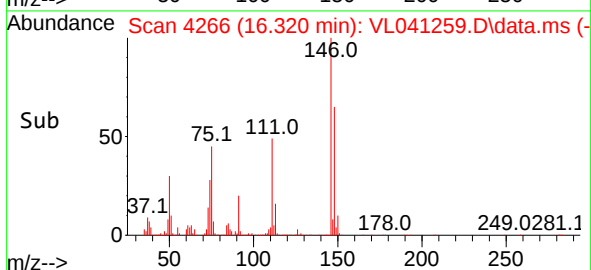
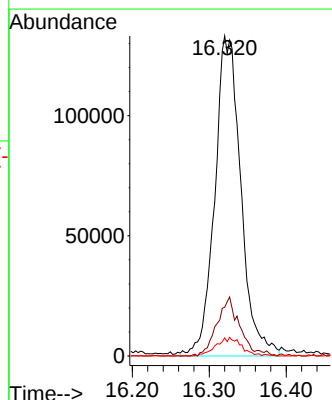
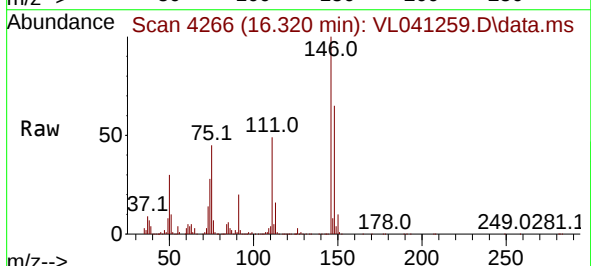
Tgt Ion: 91 Resp: 314362

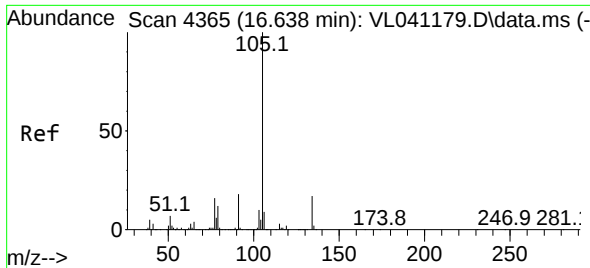
Ion Ratio Lower Upper

91 100

126 0.0 14.6 21.8#

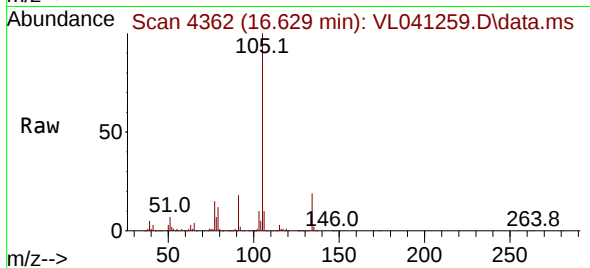
128 0.0 4.7 7.1#





#67
 sec-Butylbenzene
 Concen: 10.303 ppbv
 RT: 16.629 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

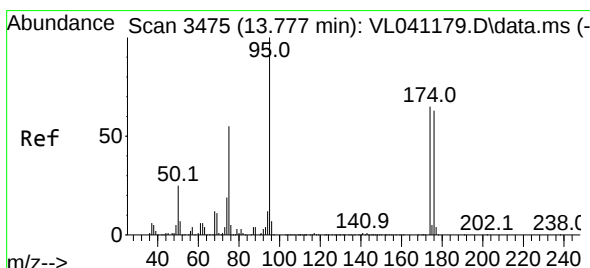
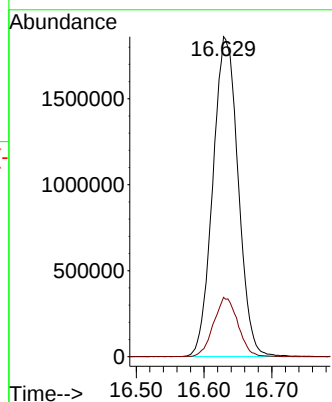
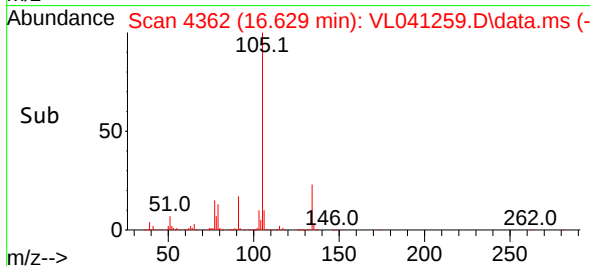
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



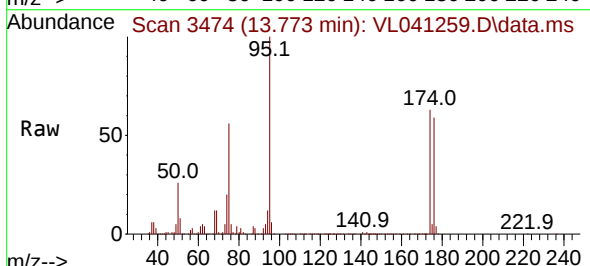
Tgt Ion: 105 Resp: 481976
 Ion Ratio Lower Upper
 105 100
 134 17.9 13.8 20.8

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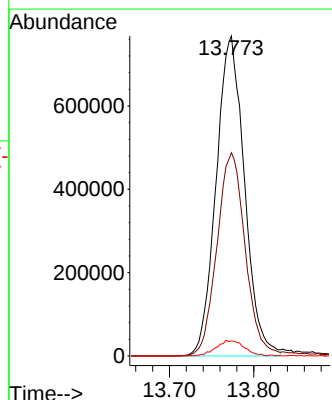
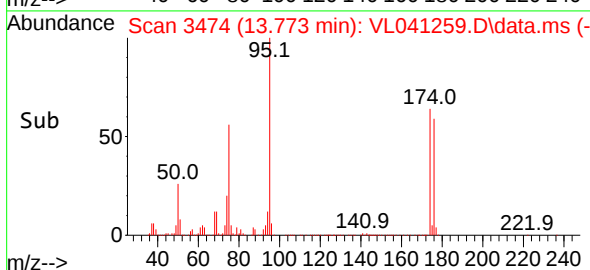
Reviewed By :Semsettin Yesilyurt 05/22/2024
 Supervised By :Mahesh Dadoda 05/22/2024

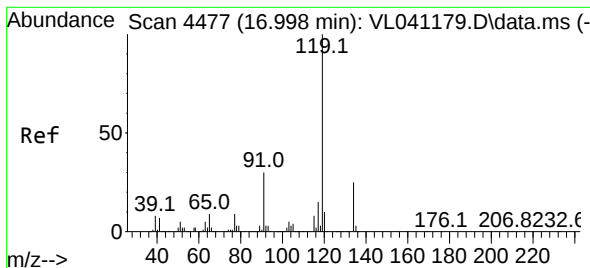


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.320 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47



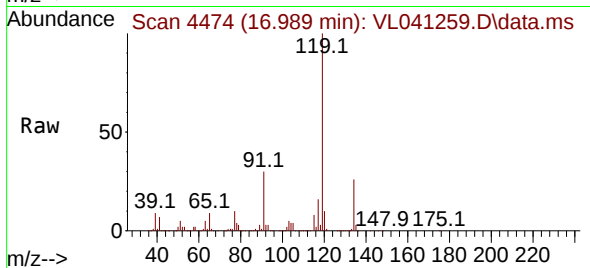
Tgt Ion: 95 Resp: 1788904
 Ion Ratio Lower Upper
 95 100
 174 64.8 53.6 80.4
 175 4.9 4.2 6.4





#69
p-Isopropyltoluene
Concen: 10.358 ppbv
RT: 16.989 min Scan# 4477
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

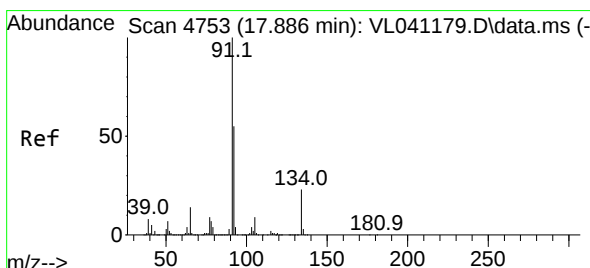
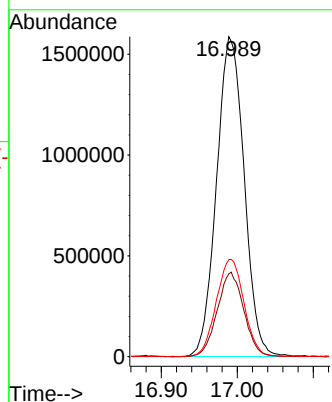
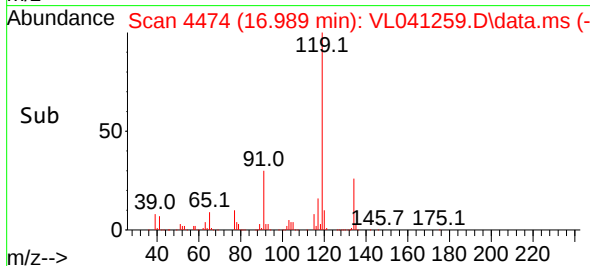
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:119 Resp: 3993159
Ion Ratio Lower Upper
119 100
134 25.6 20.1 30.1
91 30.7 24.2 36.2

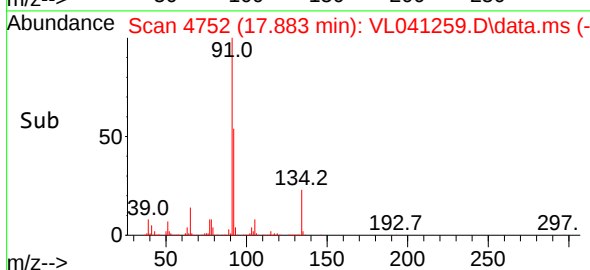
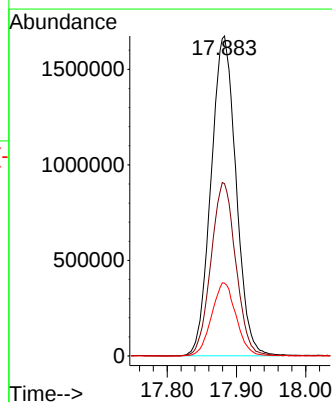
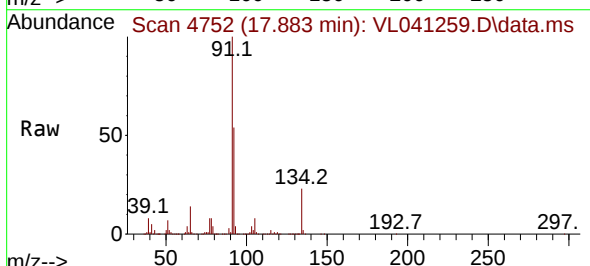
Manual Integrations
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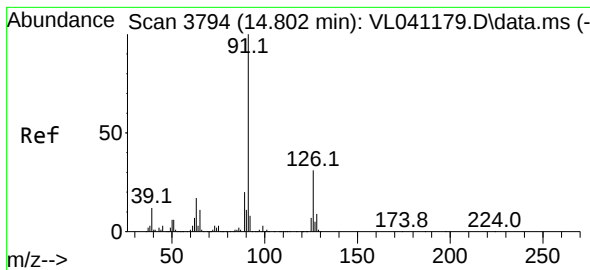
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#70
n-Butylbenzene
Concen: 10.417 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

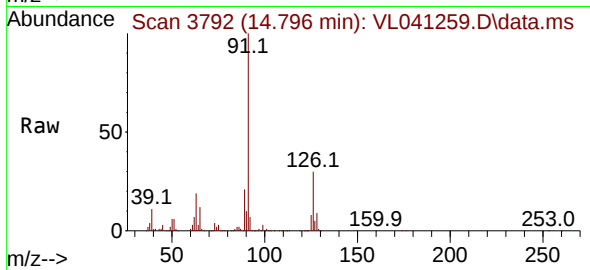
Tgt Ion: 91 Resp: 4193946
Ion Ratio Lower Upper
91 100
92 54.0 43.3 64.9
134 22.6 17.8 26.8





#71
2-Chlorotoluene
Concen: 10.569 ppbv
RT: 14.796 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

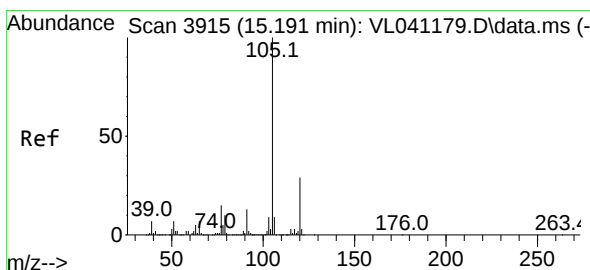
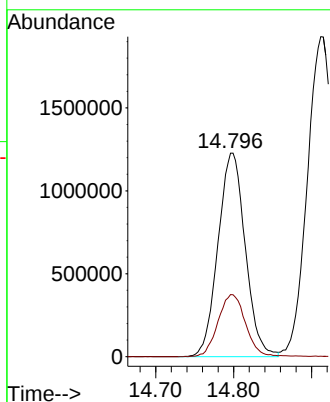
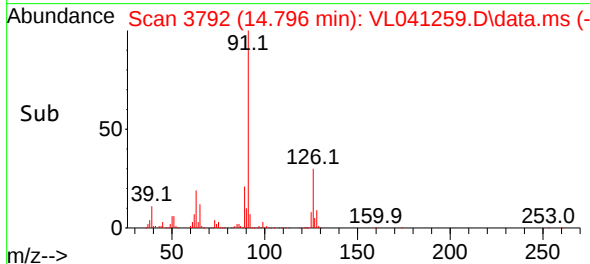
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



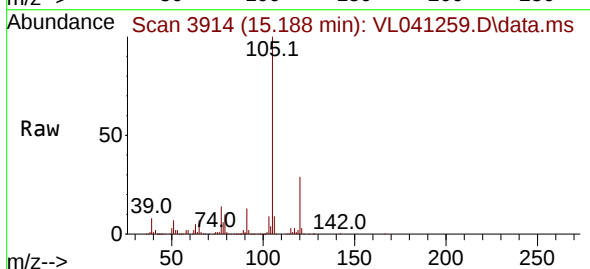
Tgt Ion: 91 Resp: 298570
Ion Ratio Lower Upper
91 100
126 31.2 12.2 48.8

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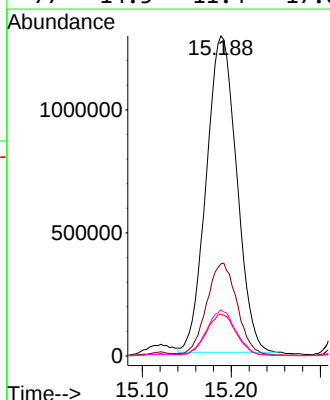
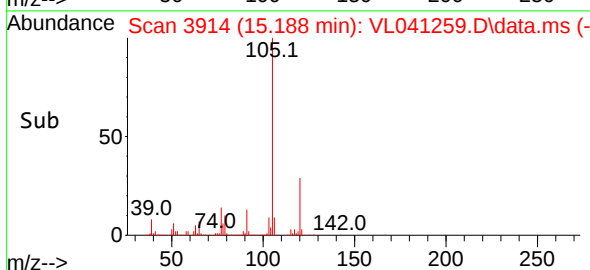
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024

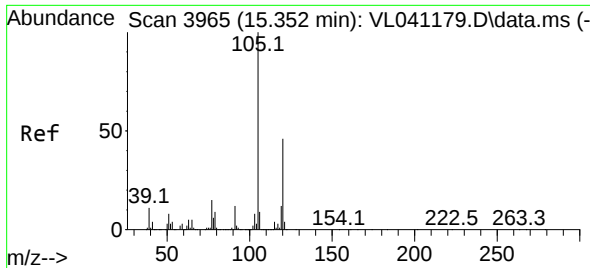


#72
4-Ethyltoluene
Concen: 10.868 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47



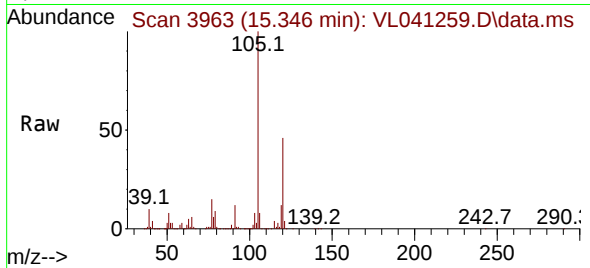
Tgt Ion:105 Resp: 3053369
Ion Ratio Lower Upper
105 100
120 29.9 24.7 37.1
91 13.2 10.3 15.5
77 14.5 11.4 17.0





#73
1,3,5-Trimethylbenzene
Concen: 10.629 ppbv
RT: 15.346 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

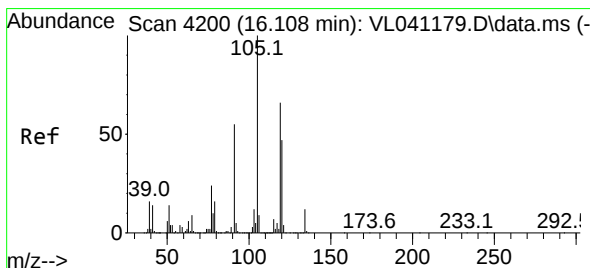
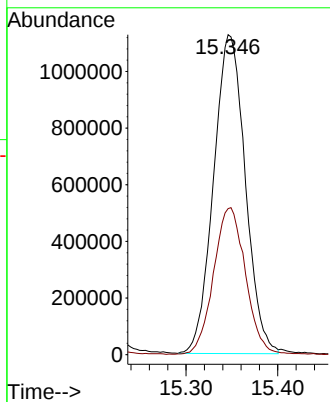
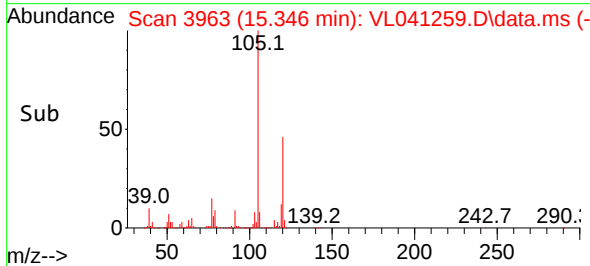
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



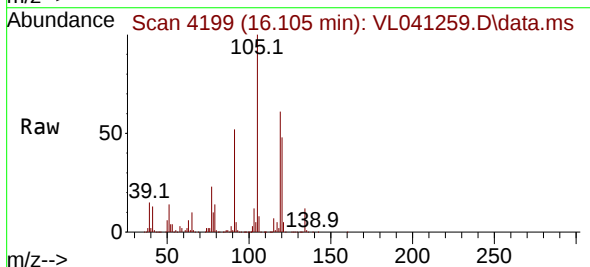
Tgt Ion:105 Resp: 2702099
Ion Ratio Lower Upper
105 100
120 45.6 37.0 55.4

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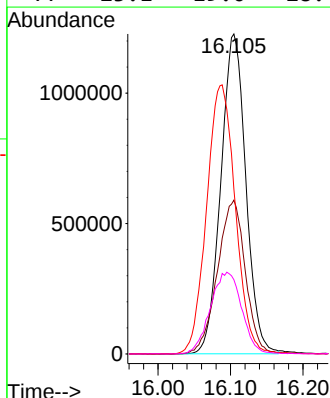
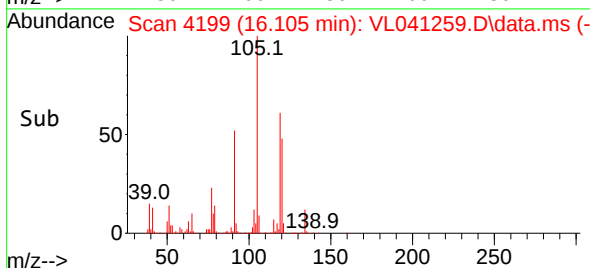
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024

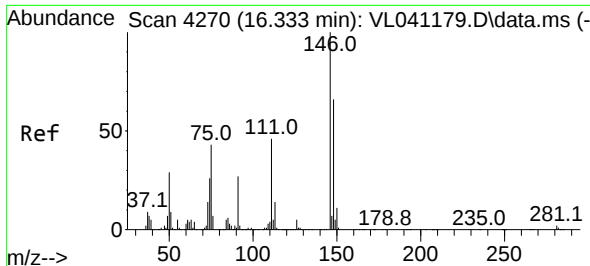


#74
1,2,4-Trimethylbenzene
Concen: 10.578 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47



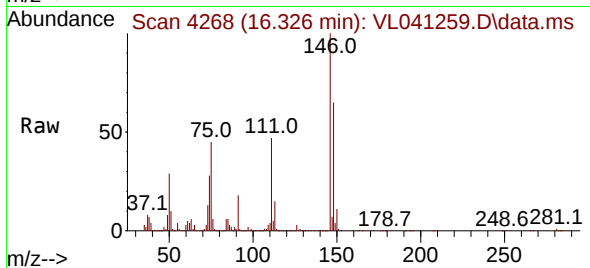
Tgt Ion:105 Resp: 2936870
Ion Ratio Lower Upper
105 100
120 48.0 37.8 56.6
91 51.3 44.3 66.5
77 23.1 19.0 28.4





#75
1,3-Dichlorobenzene
Concen: 10.998 ppbv
RT: 16.326 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

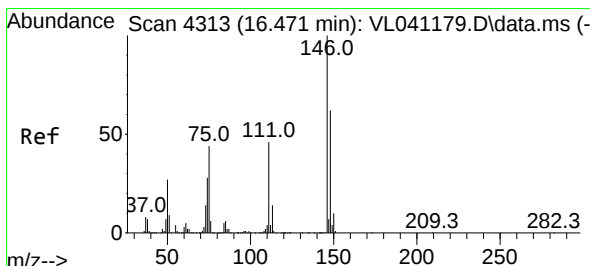
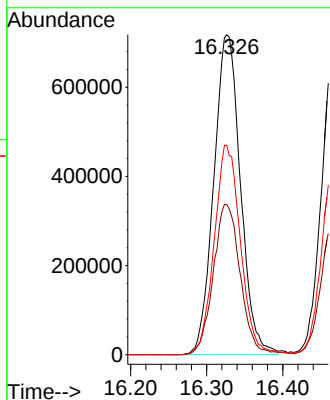
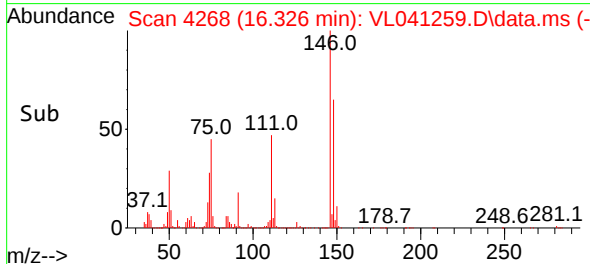
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



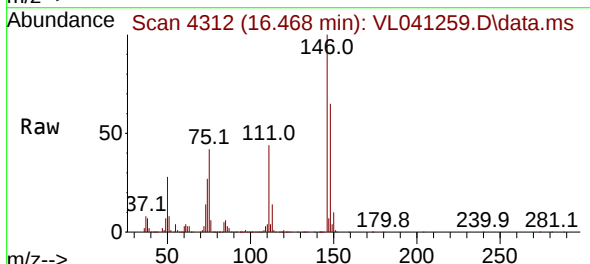
Tgt Ion:146 Resp: 1750820
Ion Ratio Lower Upper
146 100
111 47.5 23.7 71.1
148 64.5 32.5 97.4

Manual Integrations
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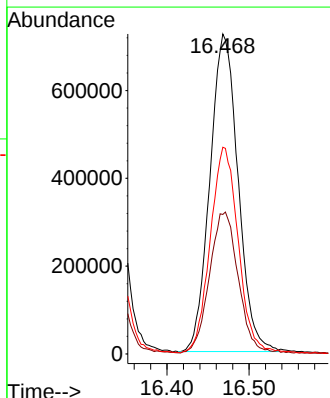
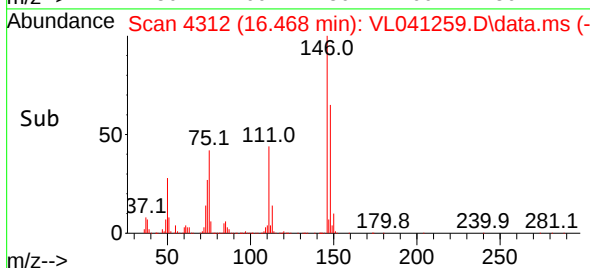
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024

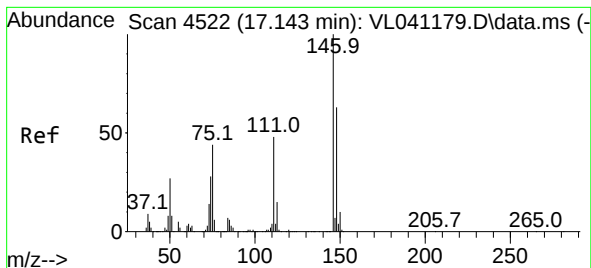


#76
1,4-Dichlorobenzene
Concen: 11.256 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47



Tgt Ion:146 Resp: 1723278
Ion Ratio Lower Upper
146 100
111 46.5 23.3 69.8
148 65.4 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 10.790 ppbv

RT: 17.140 min Scan# 4522

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 1717108

Ion Ratio Lower Upper

146 100

111 48.3 24.5 73.5

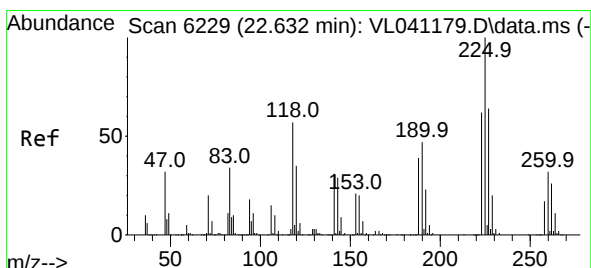
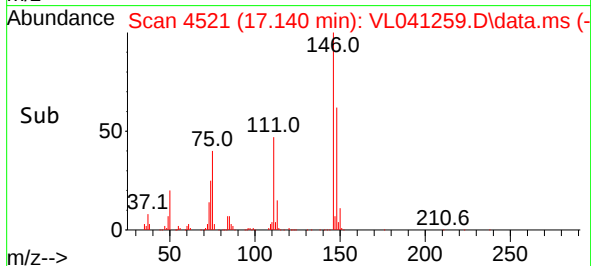
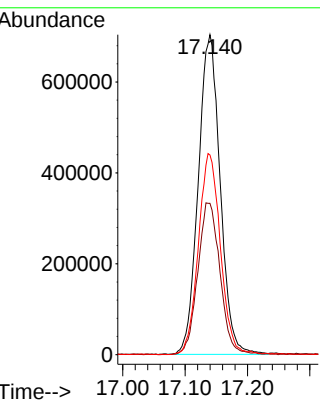
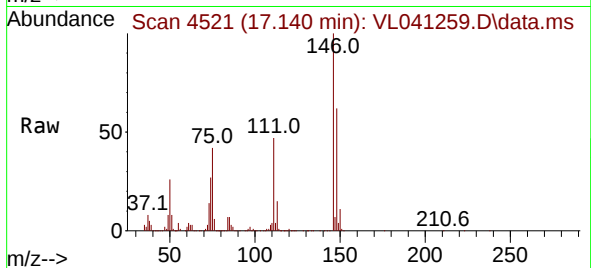
148 63.0 32.6 98.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2024

Supervised By :Mahesh Dadoda 05/22/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.513 ppbv

RT: 22.628 min Scan# 6228

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

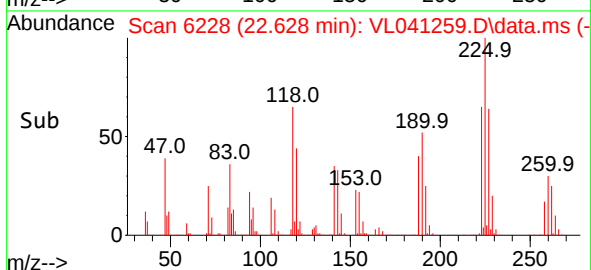
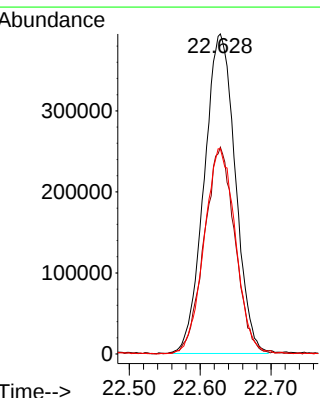
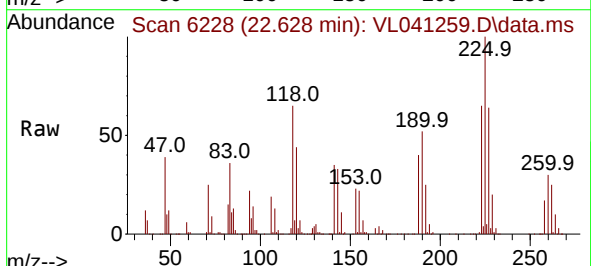
Tgt Ion:225 Resp: 1204036

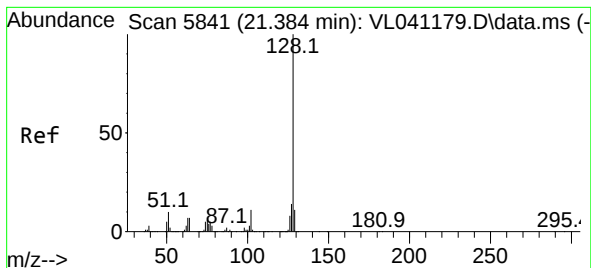
Ion Ratio Lower Upper

225 100

223 64.3 50.9 76.3

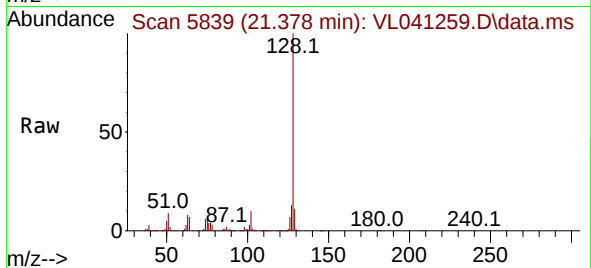
227 64.8 52.0 78.0





#79
Naphthalene
Concen: 11.269 ppbv
RT: 21.378 min Scan# 5839
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

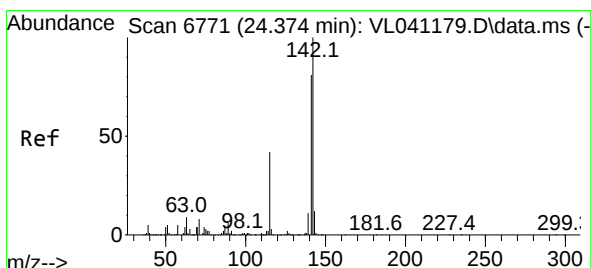
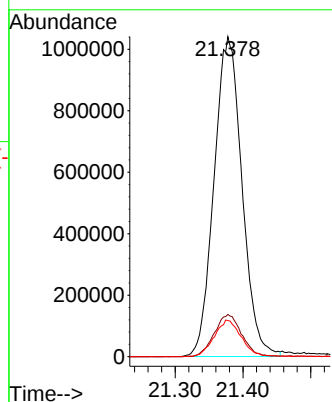
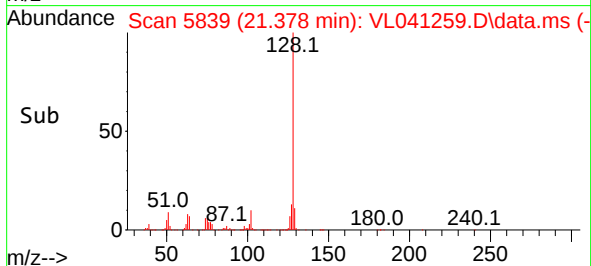
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



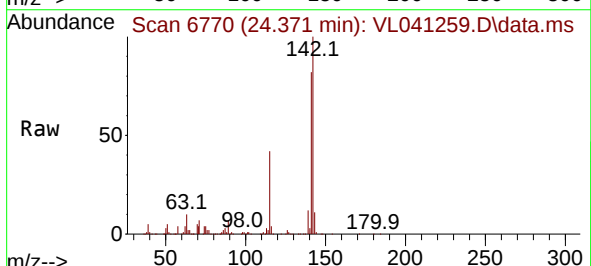
Tgt Ion:128 Resp: 297925
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 11.3 8.9 13.3

Manual Integrations
APPROVED

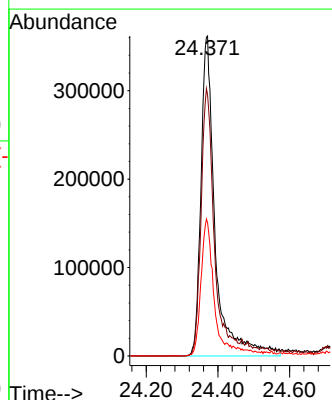
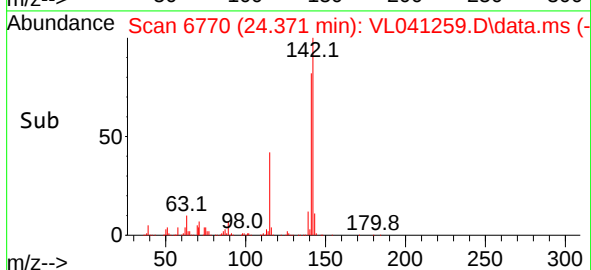
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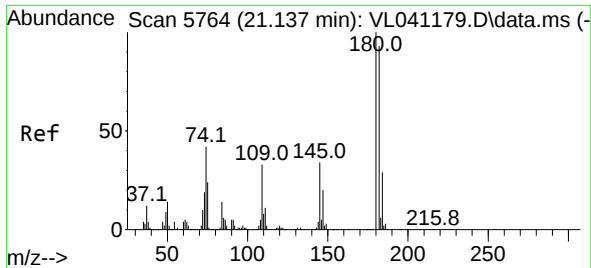


#80
Naphthalene,2-methyl-
Concen: 9.430 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47



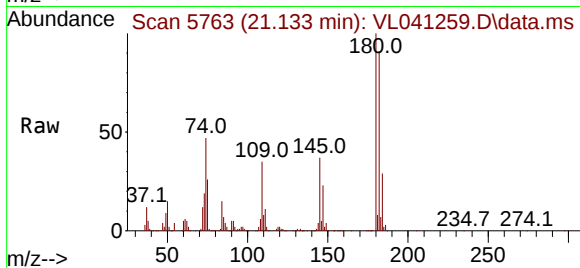
Tgt Ion:142 Resp: 1003017
Ion Ratio Lower Upper
142 100
141 80.8 67.9 101.9
115 40.9 31.4 47.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.150 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1416940
 Ion Ratio Lower Upper
 180 100
 182 96.9 77.2 115.8
 184 31.3 24.6 36.8

Manual Integrations
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