

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042924\
 Data File : VL041181.D
 Acq On : 29 Apr 2024 12:48
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024

Quant Time: Apr 30 05:07:37 2024

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

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

QLast Update : Tue Apr 30 05:04:57 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1048732	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2650686	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2490417	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.774 95 1868013 9.931 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.723	85	150955	1.041	ppbv	98
3) Chlorodifluoromethane	2.668	51	167364	1.047	ppbv	97
4) Chloromethane	2.806	50	64506	1.014	ppbv	92
5) Vinyl Chloride	2.915	62	62623	1.015	ppbv	95
6) Bromomethane	3.115	94	23574	1.031	ppbv	94
7) Chloroethane	3.189	64	23239	1.038	ppbv #	86
8) Dichlorotetrafluoroethane	2.851	85	148578	1.014	ppbv	94
9) Propene	2.687	41	63246	1.014	ppbv	95
10) Heptane	7.571	43	156575	1.048	ppbv	98
11) Trichlorofluoromethane	3.555	101	147438	1.024	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.057	101	114620	1.066	ppbv	99
13) Ethanol	3.243	45	13994m	1.039	ppbv	
14) Bromoethene	3.359	108	44841	1.001	ppbv #	97
15) Acetone	3.469	43	132022	1.055	ppbv	94
16) 1,3-Butadiene	2.977	39	65759	1.057	ppbv	100
17) tert-Butyl alcohol	3.877	59	137225	1.014	ppbv	95
18) 1,1-Dichloroethene	3.870	96	46565	0.944	ppbv	93
19) Isopropyl Alcohol	3.581	45	77920	0.958	ppbv #	45
20) Methylene Chloride	3.925	84	43959	1.012	ppbv	91
21) Allyl Chloride	3.986	41	81962	1.005	ppbv	97
22) trans-1,2-Dichloroethene	4.440	96	49275	1.012	ppbv #	87
23) Vinyl Acetate	4.623	43	144403	1.046	ppbv #	95
24) 1,1-Dichloroethane	4.555	63	108957	1.024	ppbv	99
25) Ethyl Acetate	5.205	43	255793	1.042	ppbv	98
26) Hexane	5.211	57	115039m	1.059	ppbv	
27) Carbon Disulfide	4.115	76	132020	1.024	ppbv #	88
28) Methyl tert-Butyl Ether	4.584	73	91678	1.037	ppbv	92
29) Chloroform	5.269	83	154421	1.018	ppbv	95
30) Cyclohexane	6.594	84	90083	1.010	ppbv	94
31) cis-1,2-Dichloroethene	5.073	61	104548	1.005	ppbv	97
32) 1,1,1-Trichloroethane	5.999	97	160820	1.057	ppbv	99
34) 2-Butanone	4.787	43	146130	1.127	ppbv	100
35) Carbon Tetrachloride	6.488	117	153786	1.022	ppbv	97
36) Benzene	6.362	78	238138	1.068	ppbv	98
37) 1,2-Dichloroethane	5.800	62	118480	1.015	ppbv	99
38) Trichloroethene	7.282	130	85299m	1.013	ppbv	
39) 1,2-Dichloropropane	7.063	63	90185	1.047	ppbv	96
40) 1,4-Dioxane	7.314	88	32228m	1.048	ppbv	
41) Tetrahydrofuran	5.565	42	96300	1.004	ppbv	98
42) Bromodichloromethane	7.243	83	171873	1.009	ppbv	95
43) Methyl Methacrylate	7.472	69	94441	1.032	ppbv	98
44) 2,2,4-Trimethylpentane	7.324	57	409495	1.061	ppbv	98
45) t-1,3-Dichloropropene	8.706	75	63578	0.949	ppbv	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042924\
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Instrument :
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 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/30/2024
 Supervised By : Mahesh Dadoda 04/30/2024

Quant Time: Apr 30 05:07:37 2024

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

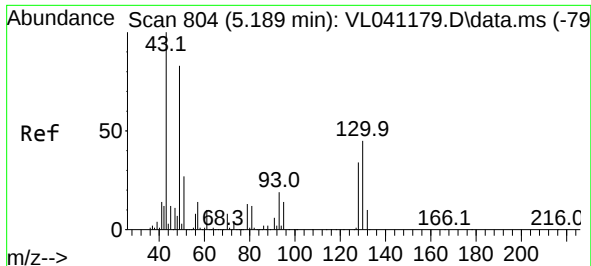
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Apr 30 05:04:57 2024

Response via : Initial Calibration

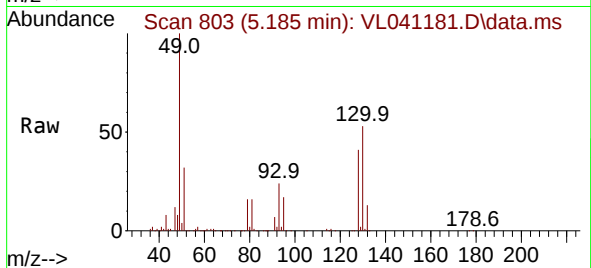
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	79736	0.983	ppbv	94
47) 1,1,2-Trichloroethane	8.896	97	88640	1.033	ppbv	96
48) Dibromochloromethane	9.703	129	138932	1.001	ppbv	98
49) Bromoform	12.397	173	117642	0.987	ppbv	97
50) 4-Methyl-2-Pentanone	8.182	43	260965	1.066	ppbv	100
51) 2-Hexanone	9.558	43	185009	1.038	ppbv #	94
52) Tetrachloroethene	10.606	164	81594	1.038	ppbv	91
53) Toluene	9.214	91	270789	1.041	ppbv	99
54) 1,2-Dibromoethane	10.005	107	117672	1.009	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.504	131	107017	1.038	ppbv #	1
57) Chlorobenzene	11.520	112	192366	1.056	ppbv	93
58) Ethyl Benzene	12.082	91	372483m	1.086	ppbv	
59) m/p-Xylene	12.368	91	629262m	2.186	ppbv	
60) o-Xylene	13.053	91	292199	1.081	ppbv	99
61) Styrene	12.896	104	146815m	1.040	ppbv	
62) Isopropylbenzene	14.021	105	438392	1.080	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.040	83	193421	1.053	ppbv	97
64) n-propylbenzene	14.915	120	108967	1.071	ppbv	90
65) tert-Butylbenzene	16.082	119	400134m	1.115	ppbv	
66) Benzyl Chloride	16.323	91	39854m	0.933	ppbv	
67) sec-Butylbenzene	16.629	105	553419	1.090	ppbv	99
69) p-Isopropyltoluene	16.989	119	451215	1.072	ppbv	99
70) n-Butylbenzene	17.883	91	486852	1.114	ppbv	97
71) 2-Chlorotoluene	14.796	91	335894	1.083	ppbv	98
72) 4-Ethyltoluene	15.188	105	324882	1.054	ppbv	98
73) 1,3,5-Trimethylbenzene	15.343	105	304982m	1.091	ppbv	
74) 1,2,4-Trimethylbenzene	16.101	105	323414	1.063	ppbv	99
75) 1,3-Dichlorobenzene	16.327	146	176338	1.030	ppbv	94
76) 1,4-Dichlorobenzene	16.468	146	174843	1.048	ppbv	97
77) 1,2-Dichlorobenzene	17.143	146	187781m	1.085	ppbv	
78) Hexachloro-1,3-Butadiene	22.629	225	177741m	1.156	ppbv	
79) Naphthalene	21.381	128	335486m	1.163	ppbv	
80) Naphthalene,2-methyl-	24.368	142	121078m	0.997	ppbv	
81) 1,2,4-Trichlorobenzene	21.140	180	156445	1.015	ppbv	93

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 804
Delta R.T. -0.004 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

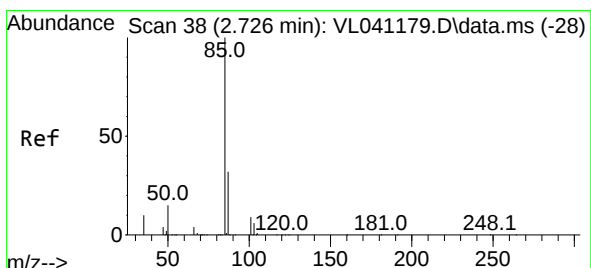
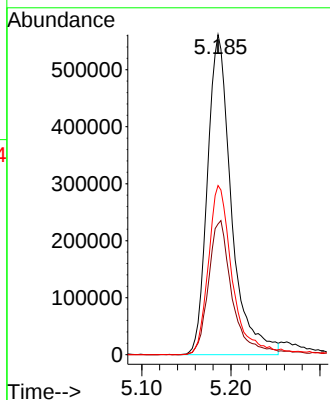
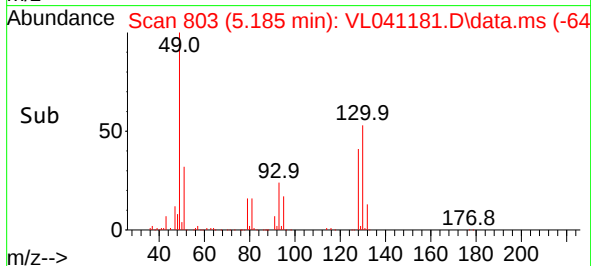
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 49 Resp: 1048732
Ion Ratio Lower Upper
49 100
128 43.2 21.5 64.5
130 55.0 27.2 81.6

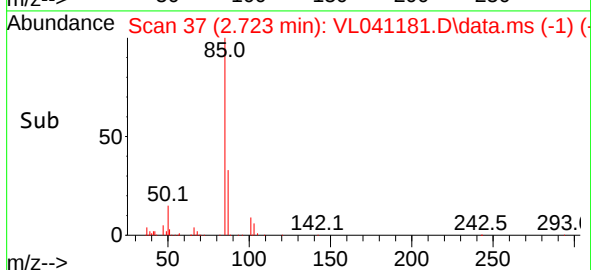
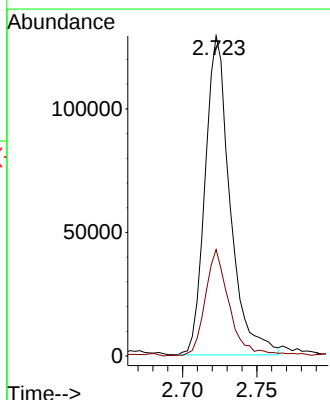
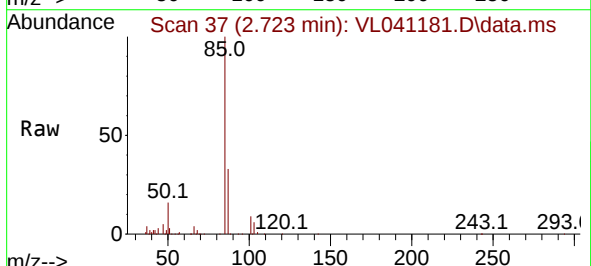
Manual Integrations
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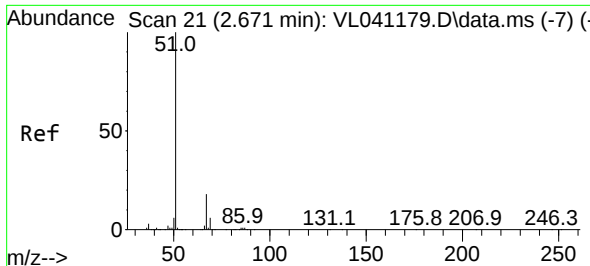
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#2
Dichlorodifluoromethane
Concen: 1.041 ppbv
RT: 2.723 min Scan# 37
Delta R.T. -0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

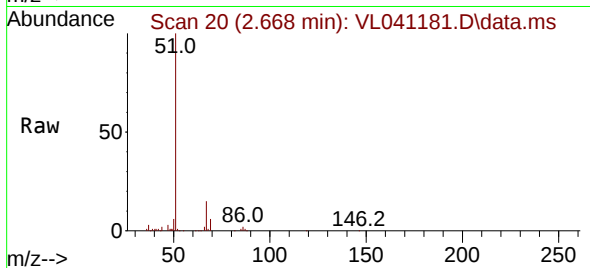
Tgt Ion: 85 Resp: 150955
Ion Ratio Lower Upper
85 100
87 33.1 25.7 38.5





#3
Chlorodifluoromethane
Concen: 1.047 ppbv
RT: 2.668 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

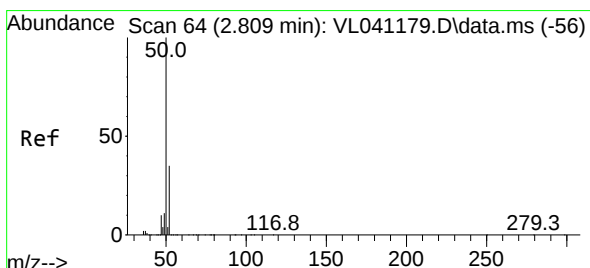
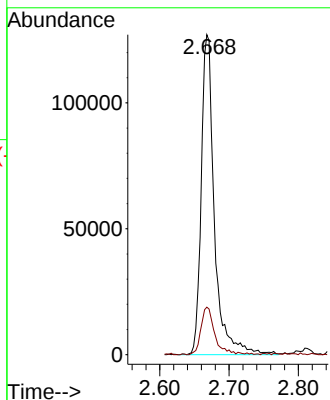
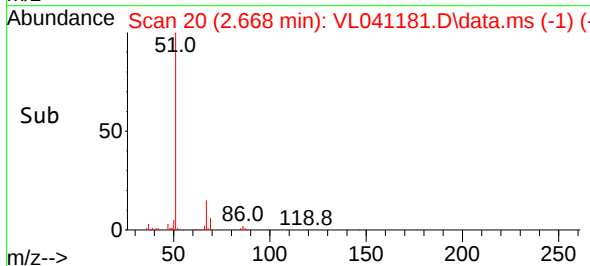
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 51 Resp: 167364
Ion Ratio Lower Upper
51 100
67 16.1 14.0 21.0

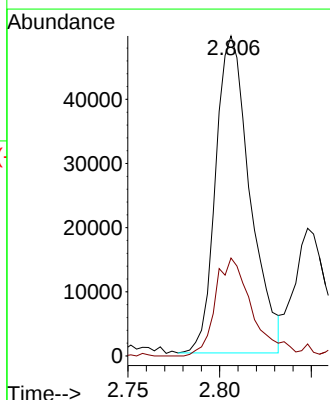
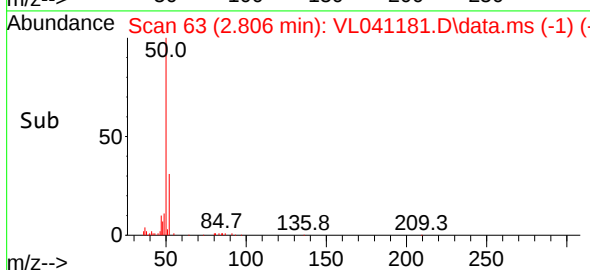
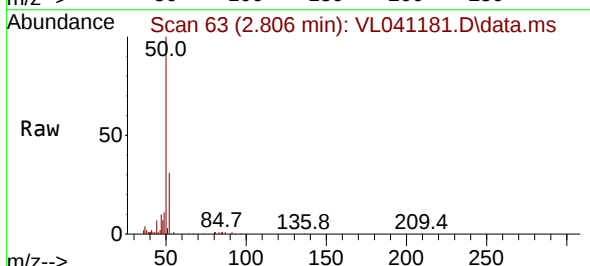
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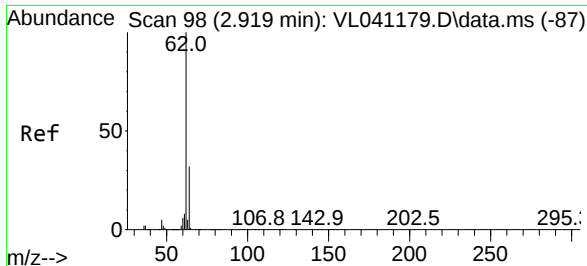
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#4
Chloromethane
Concen: 1.014 ppbv
RT: 2.806 min Scan# 63
Delta R.T. -0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

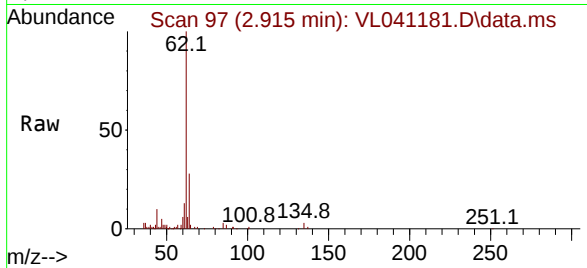
Tgt Ion: 50 Resp: 64506
Ion Ratio Lower Upper
50 100
52 30.9 28.3 42.5





#5
 Vinyl Chloride
 Concen: 1.015 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL041181.D
 Acq: 29 Apr 2024 12:48

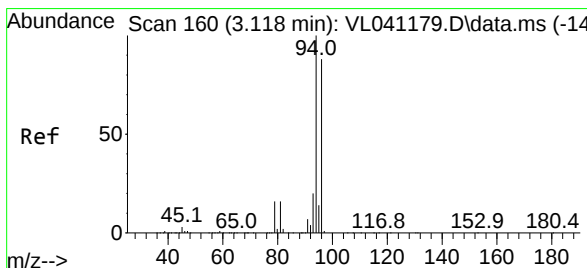
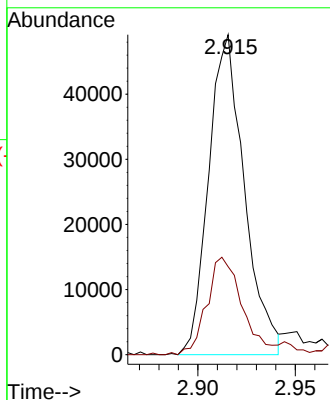
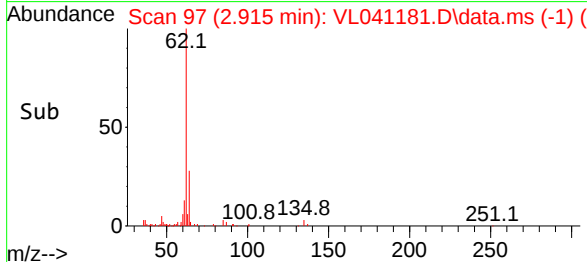
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 62 Resp: 6262
 Ion Ratio Lower Upper
 62 100
 64 29.2 25.7 38.5

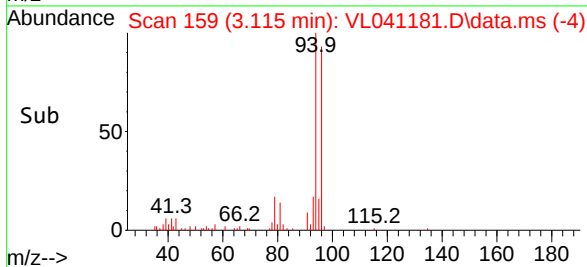
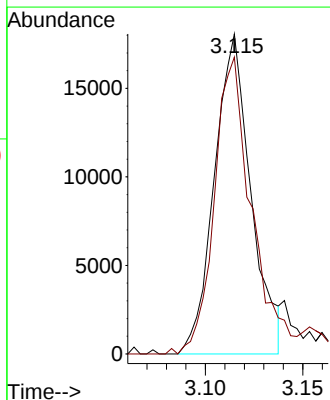
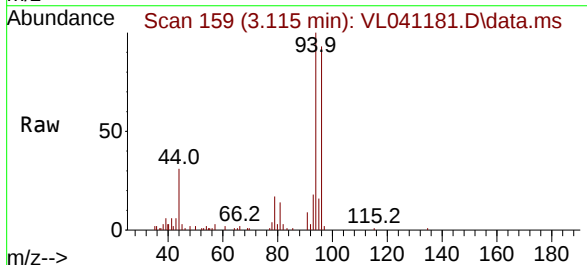
Manual Integrations
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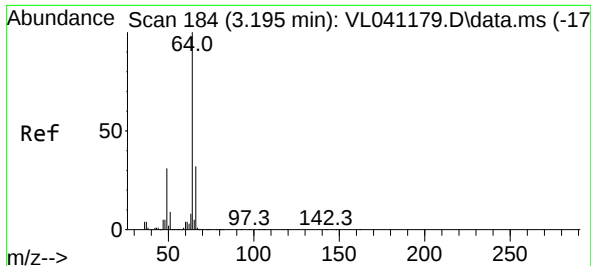
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#6
 Bromomethane
 Concen: 1.031 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. -0.003 min
 Lab File: VL041181.D
 Acq: 29 Apr 2024 12:48

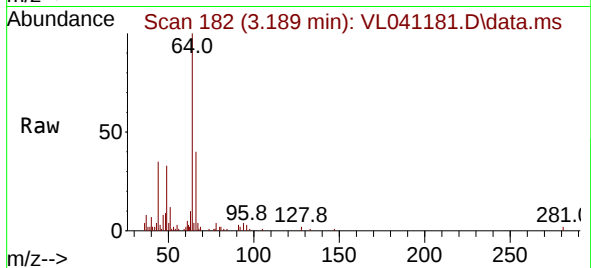
Tgt Ion: 94 Resp: 23574
 Ion Ratio Lower Upper
 94 100
 96 92.7 70.1 105.1





#7
Chloroethane
Concen: 1.038 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

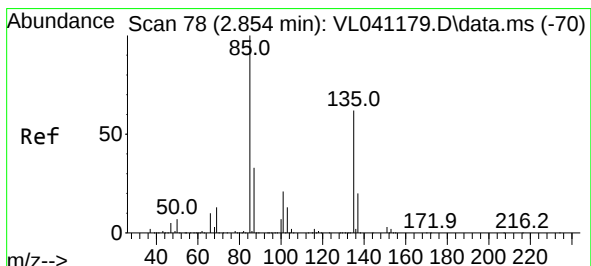
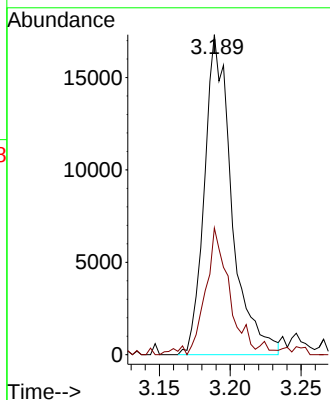
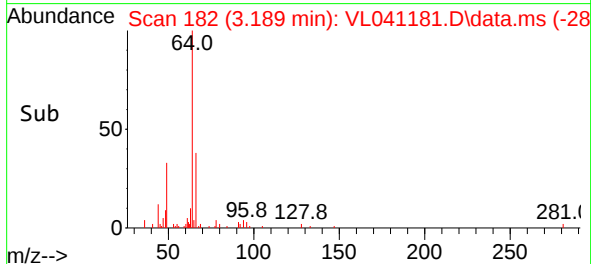
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 64 Resp: 23239
Ion Ratio Lower Upper
64 100
66 39.6 25.4 38.2

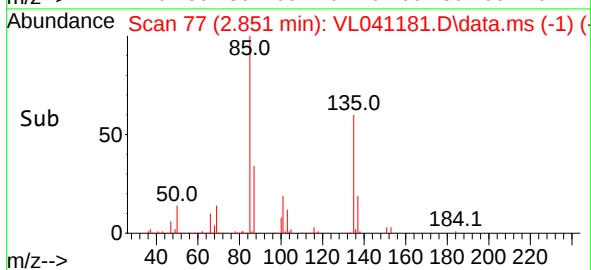
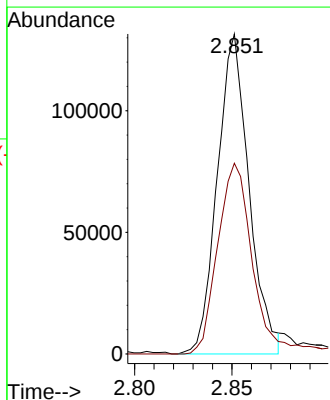
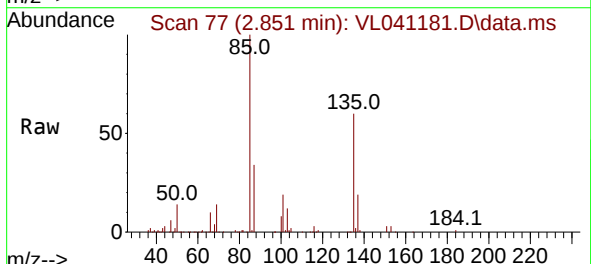
Manual Integrations
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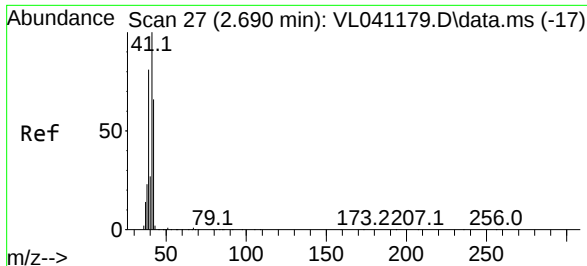
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#8
Dichlorotetrafluoroethane
Concen: 1.014 ppbv
RT: 2.851 min Scan# 77
Delta R.T. -0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

Tgt Ion: 85 Resp: 148578
Ion Ratio Lower Upper
85 100
135 68.7 51.5 77.3





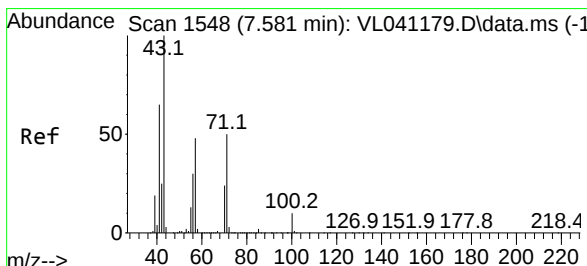
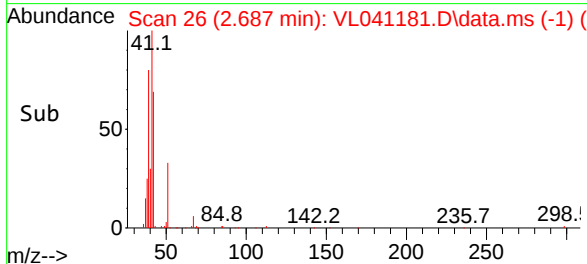
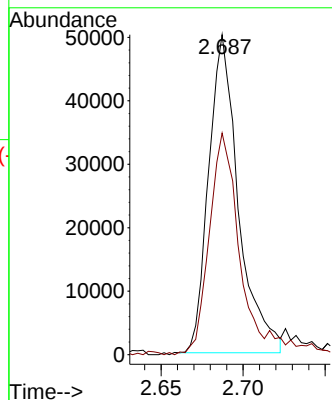
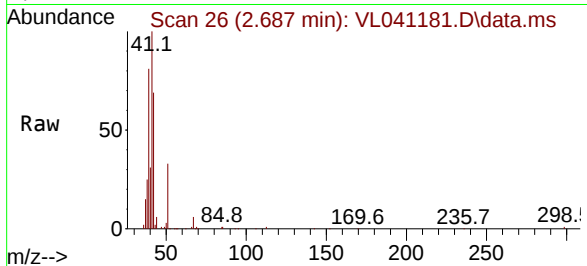
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Propene
Concen: 1.014 ppbv
RT: 2.687 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 41 Resp: 63240
Ion Ratio Lower Upper
41 100
42 73.5 55.3 82.9

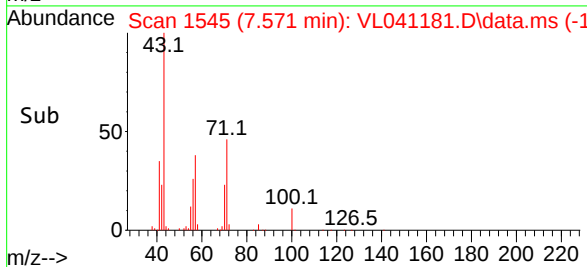
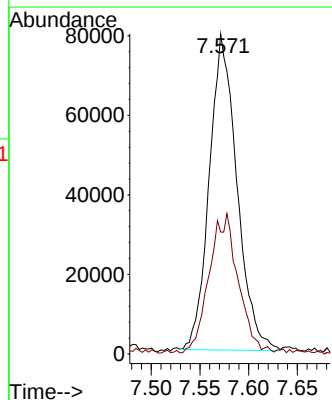
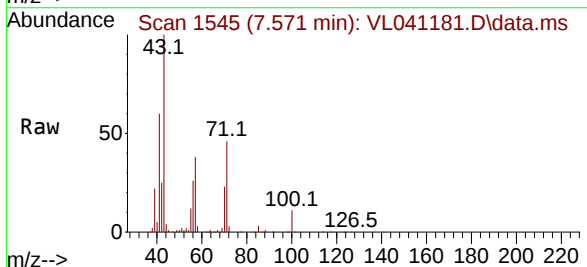
Manual Integrations
APPROVED

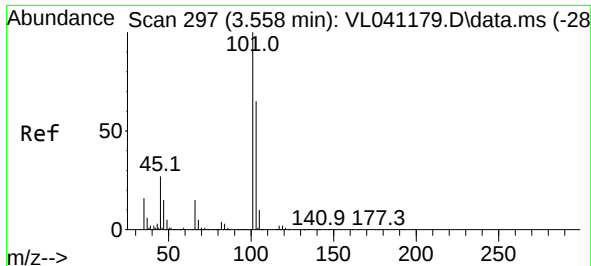
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#10
Heptane
Concen: 1.048 ppbv
RT: 7.571 min Scan# 1545
Delta R.T. -0.010 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

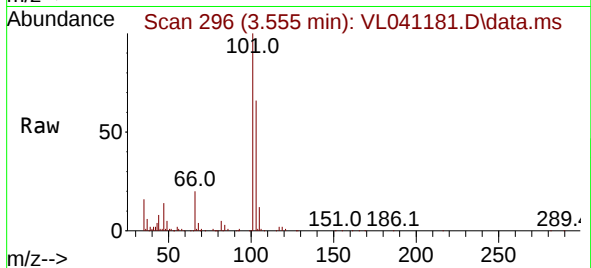
Tgt Ion: 43 Resp: 156575
Ion Ratio Lower Upper
43 100
57 47.3 38.7 58.1





#11
Trichlorofluoromethane
Concen: 1.024 ppbv
RT: 3.555 min Scan# 297
Delta R.T. -0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

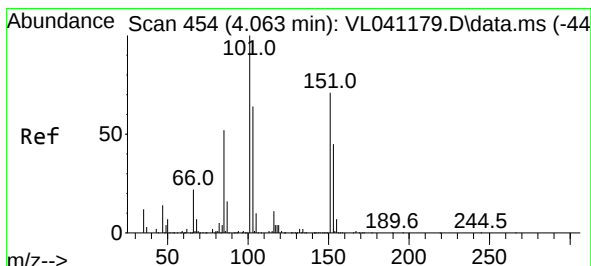
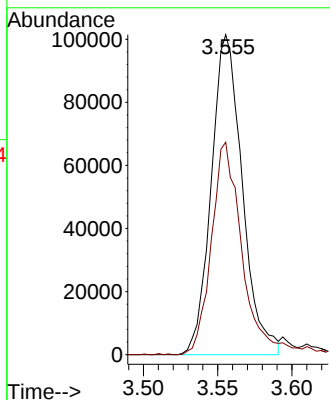
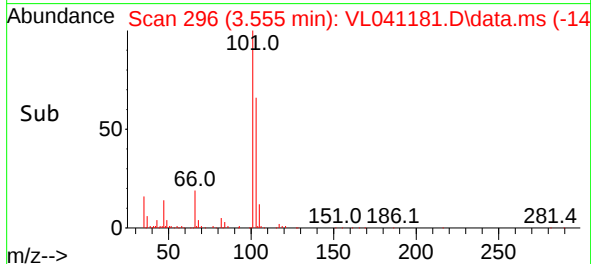
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



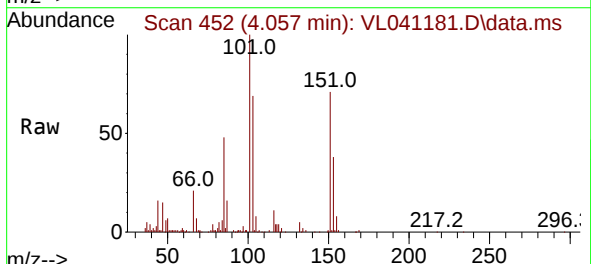
Tgt Ion:101 Resp: 147438
Ion Ratio Lower Upper
101 100
103 66.4 51.6 77.4

Manual Integrations
APPROVED

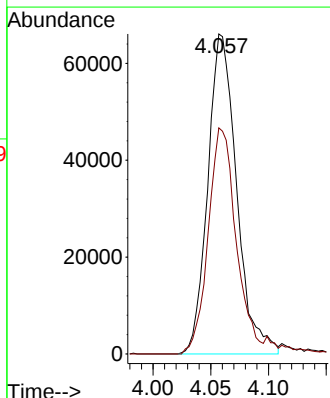
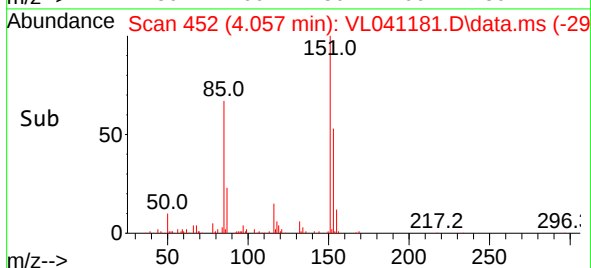
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

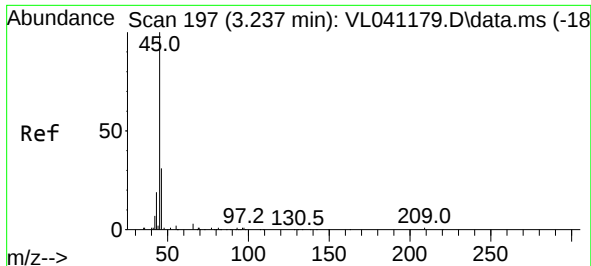


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.066 ppbv
RT: 4.057 min Scan# 452
Delta R.T. -0.006 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48



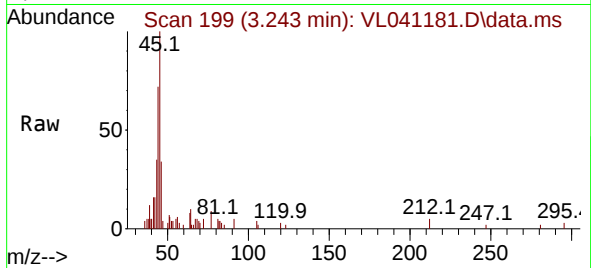
Tgt Ion:101 Resp: 114620
Ion Ratio Lower Upper
101 100
151 72.1 56.8 85.2





#13
Ethanol
Concen: 1.039 ppbv m
RT: 3.243 min Scan# 197
Delta R.T. 0.006 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

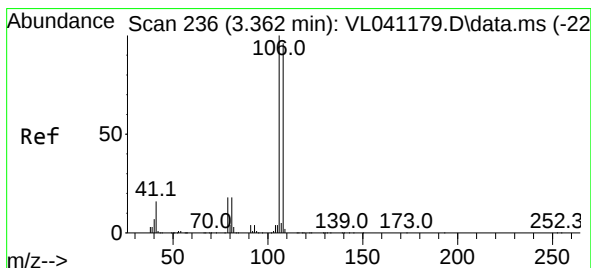
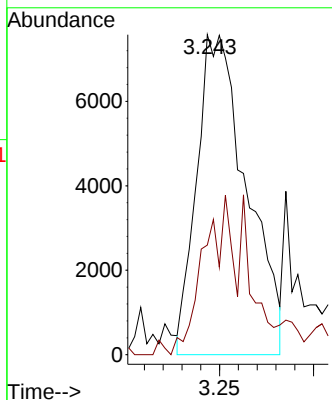
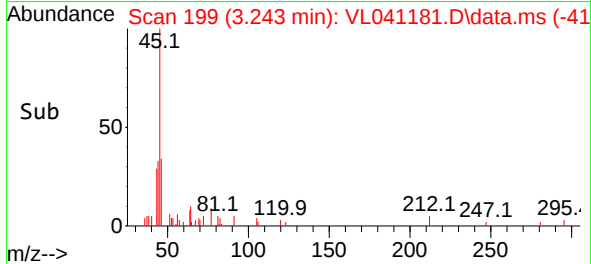
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



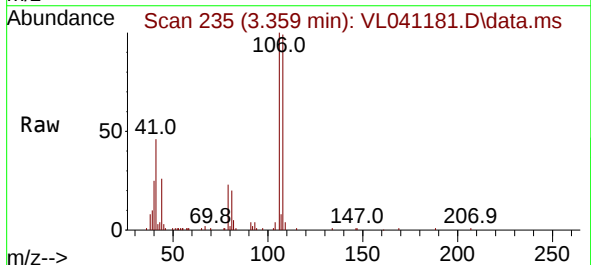
Tgt Ion: 45 Resp: 13994
Ion Ratio Lower Upper
45 100
46 2.3 14.8 59.0

Manual Integrations
APPROVED

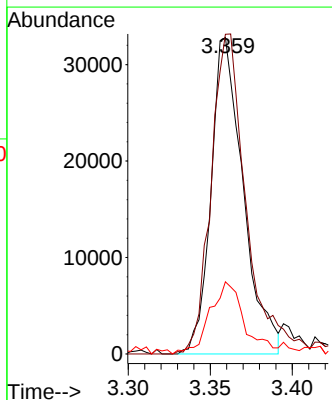
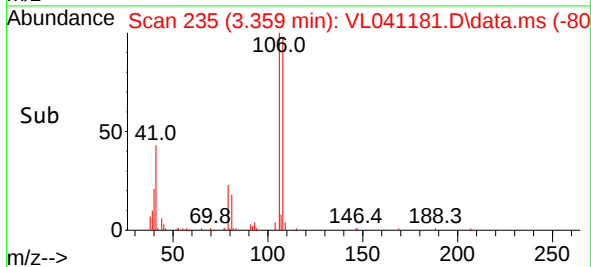
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

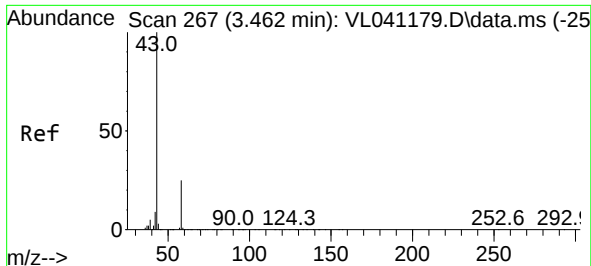


#14
Bromoethene
Concen: 1.001 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48



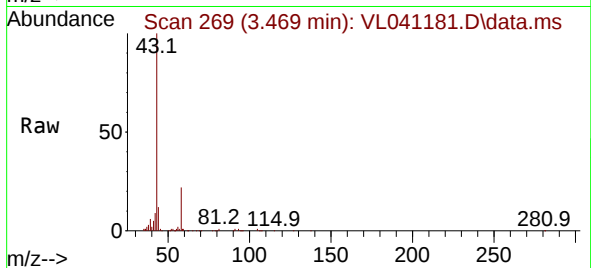
Tgt Ion:108 Resp: 44841
Ion Ratio Lower Upper
108 100
106 111.2 88.2 132.4
79 27.1 17.4 26.0





#15
Acetone
Concen: 1.055 ppbv
RT: 3.469 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

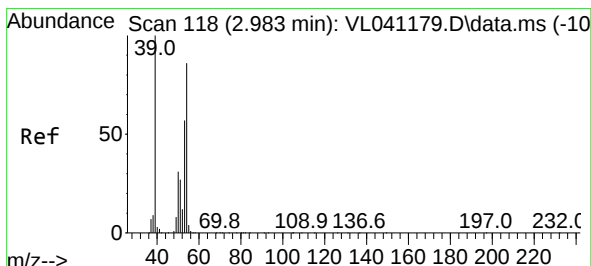
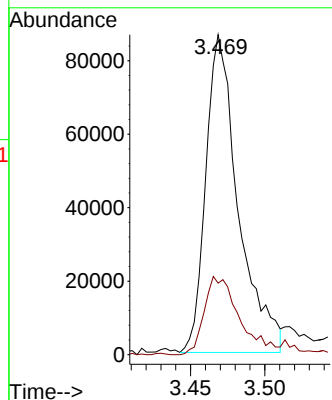
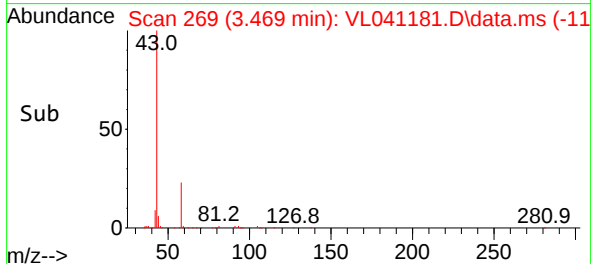
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



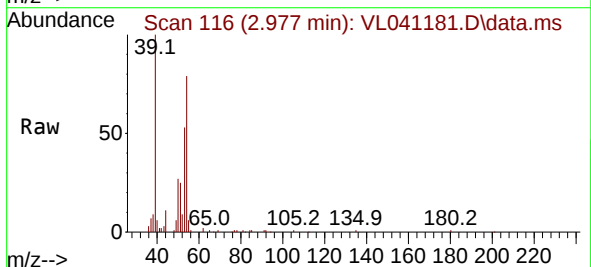
Tgt Ion: 43 Resp: 13202
Ion Ratio Lower Upper
43 100
58 29.8 21.4 32.0

Manual Integrations
APPROVED

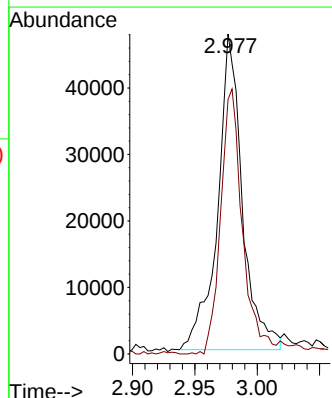
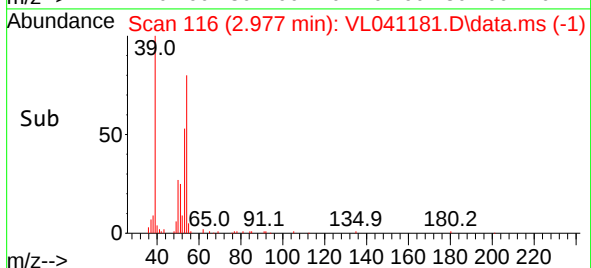
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

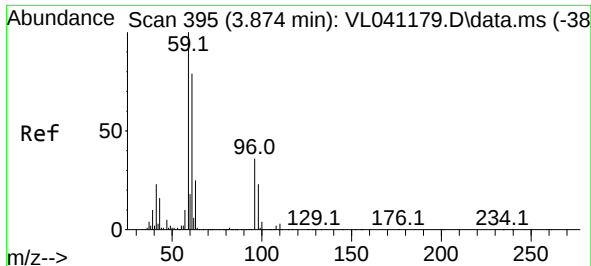


#16
1,3-Butadiene
Concen: 1.057 ppbv
RT: 2.977 min Scan# 116
Delta R.T. -0.006 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48



Tgt Ion: 39 Resp: 65759
Ion Ratio Lower Upper
39 100
54 77.8 62.2 93.4





#17

tert-Butyl alcohol

Concen: 1.014 ppbv

RT: 3.877 min Scan# 395

Delta R.T. 0.003 min

Lab File: VL041181.D

Acq: 29 Apr 2024 12:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 59 Resp: 137225

Ion Ratio Lower Upper

59 100

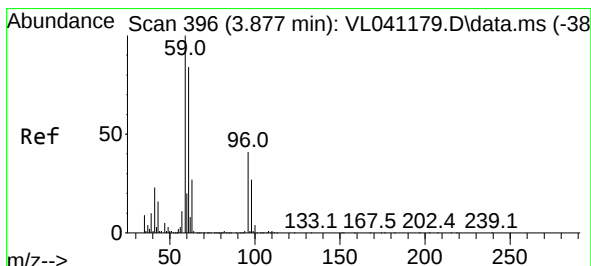
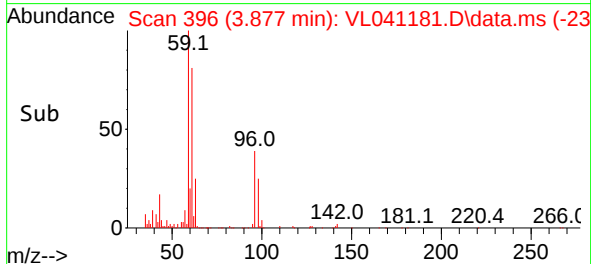
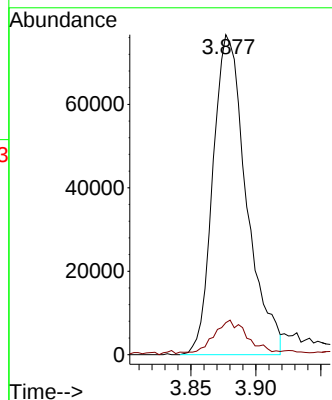
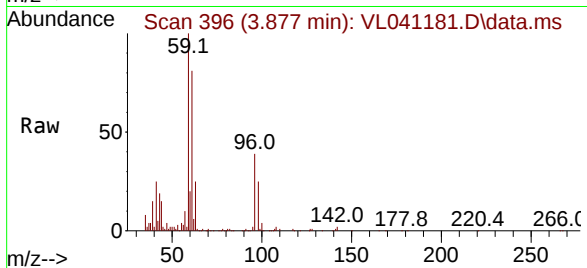
57 12.5 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#18

1,1-Dichloroethene

Concen: 0.944 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.006 min

Lab File: VL041181.D

Acq: 29 Apr 2024 12:48

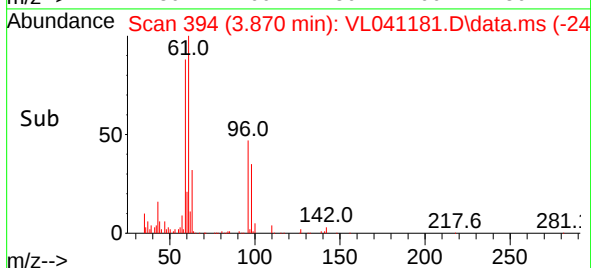
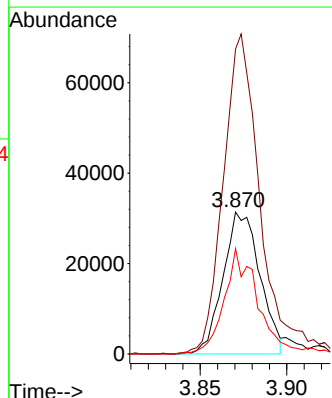
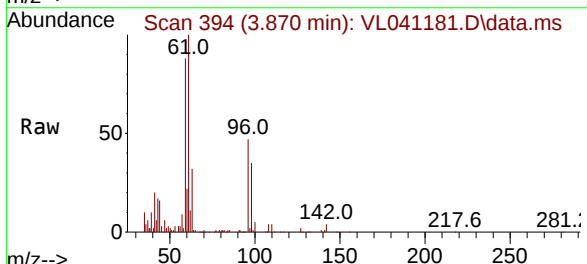
Tgt Ion: 96 Resp: 46565

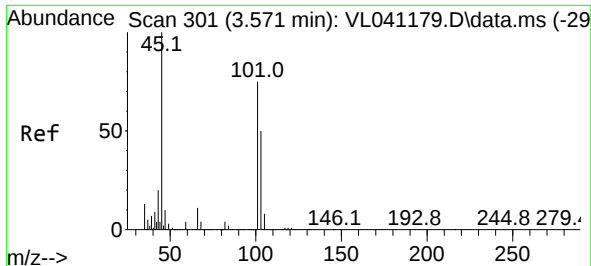
Ion Ratio Lower Upper

96 100

61 214.0 164.4 246.6

98 73.6 51.8 77.8





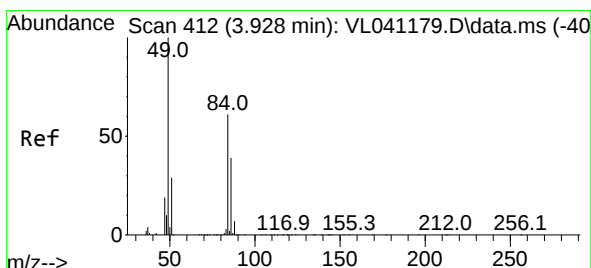
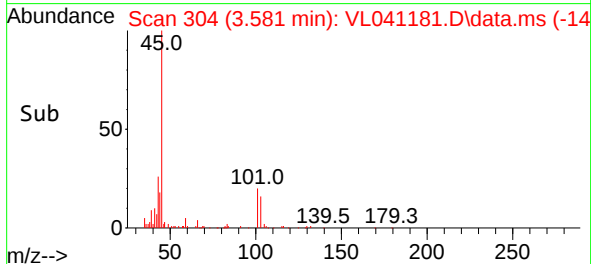
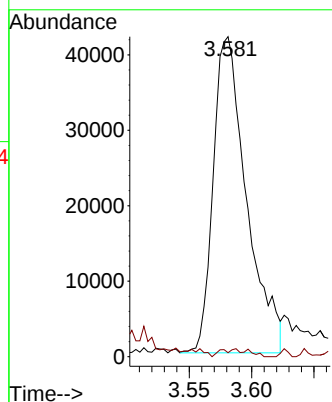
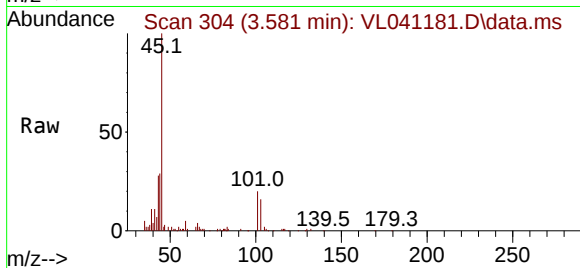
#19
Isopropyl Alcohol
Concen: 0.958 ppbv
RT: 3.581 min Scan# 301
Delta R.T. 0.010 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 45 Resp: 77920
Ion Ratio Lower Upper
45 100
58 1.9 26.8 40.2

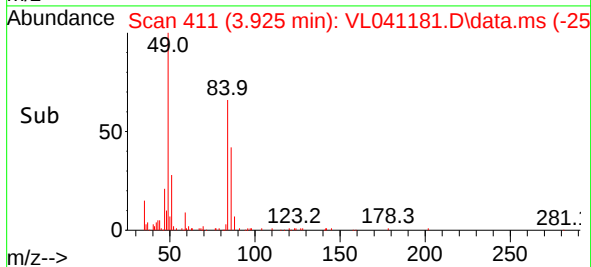
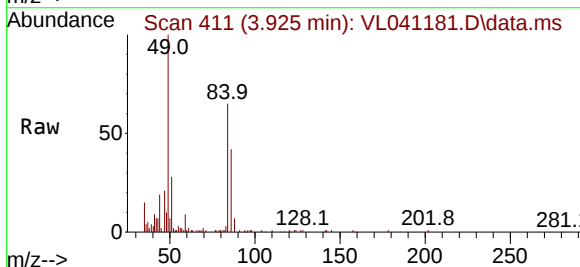
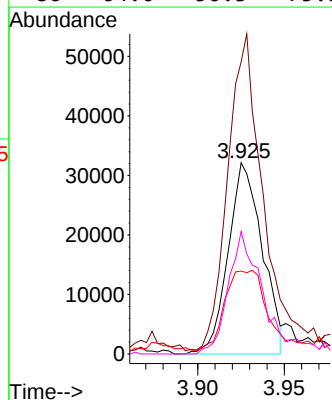
Manual Integrations
APPROVED

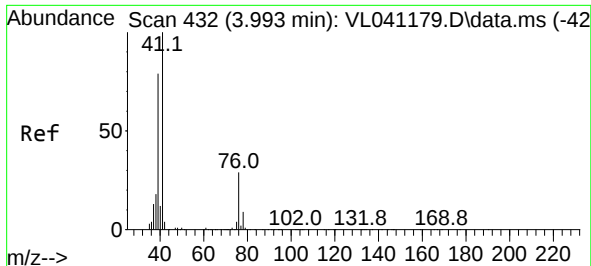
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#20
Methylene Chloride
Concen: 1.012 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

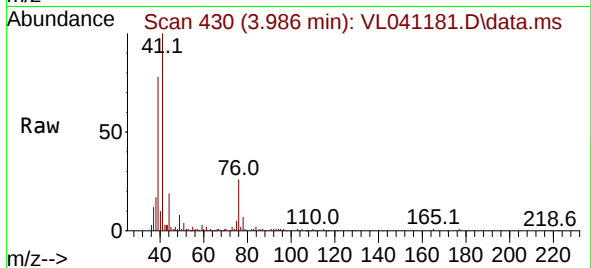
Tgt Ion: 84 Resp: 43959
Ion Ratio Lower Upper
84 100
49 148.0 130.4 195.6
51 40.6 38.0 57.0
86 64.0 50.3 75.5





#21
 Allyl Chloride
 Concen: 1.005 ppbv
 RT: 3.986 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VL041181.D
 Acq: 29 Apr 2024 12:48

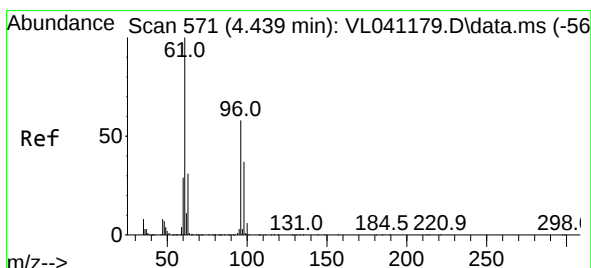
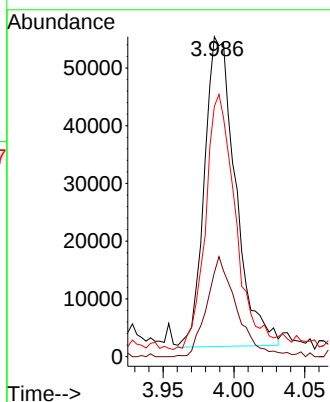
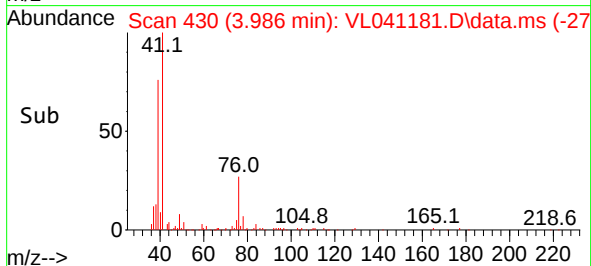
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001



Tgt Ion: 41 Resp: 81962
 Ion Ratio Lower Upper
 41 100
 76 31.3 23.7 35.5
 39 83.9 64.7 97.1

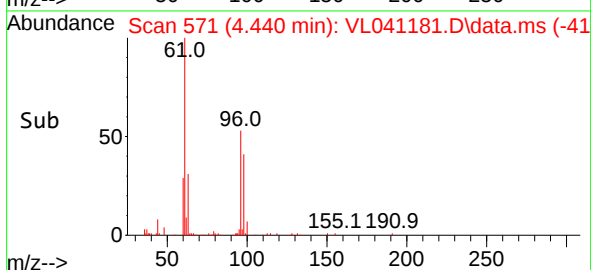
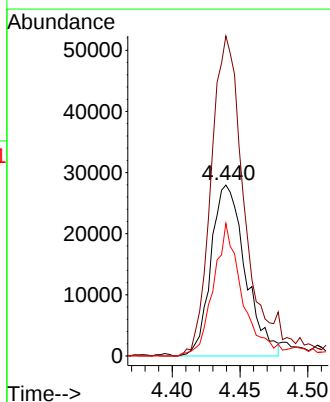
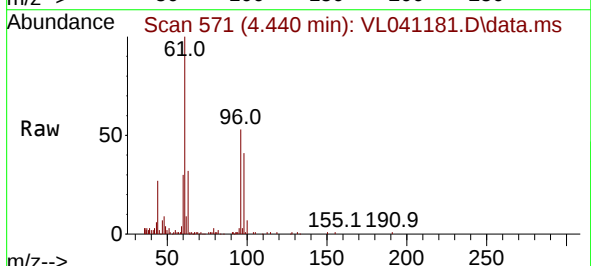
Manual Integrations
 APPROVED

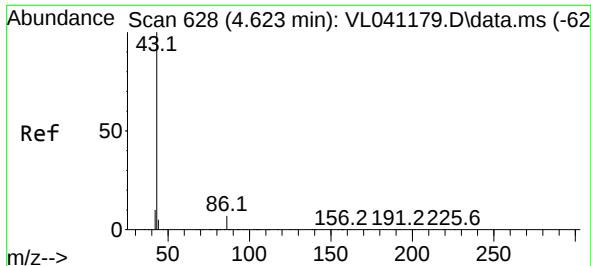
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#22
 trans-1,2-Dichloroethene
 Concen: 1.012 ppbv
 RT: 4.440 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VL041181.D
 Acq: 29 Apr 2024 12:48

Tgt Ion: 96 Resp: 49275
 Ion Ratio Lower Upper
 96 100
 61 187.3 137.6 206.4
 98 77.6 50.6 76.0#





#23
 Vinyl Acetate
 Concen: 1.046 ppbv
 RT: 4.623 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL041181.D
 Acq: 29 Apr 2024 12:48

Instrument :

MSVOA_L

ClientSampleId :

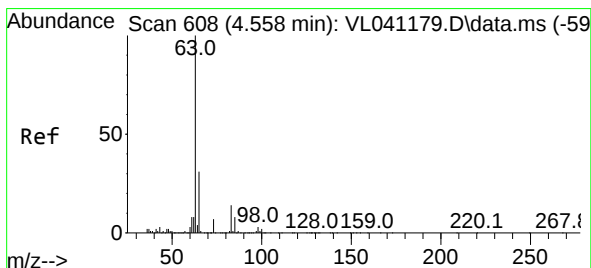
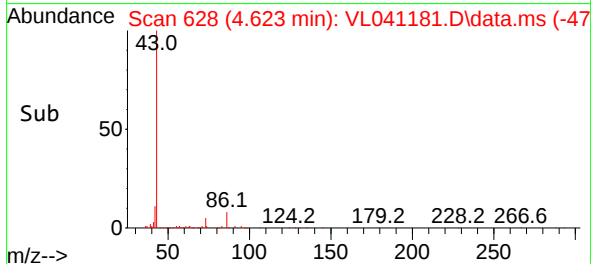
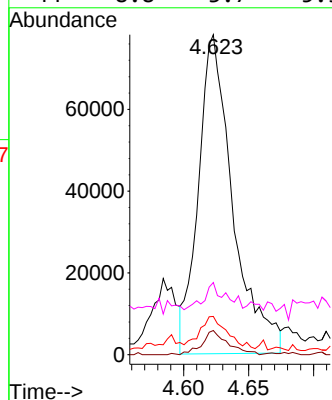
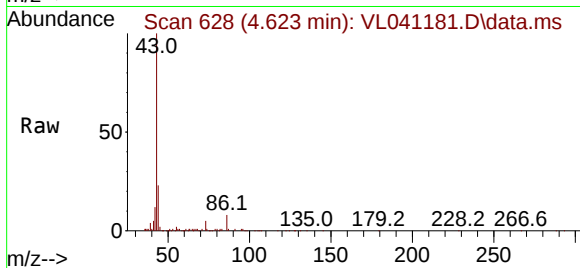
VSTDIC001

Tgt Ion: 43 Resp: 14440
 Ion Ratio Lower Upper
 43 100
 86 8.2 4.9 7.3
 42 10.6 8.0 12.0
 44 8.8 3.7 5.5#

Manual Integrations

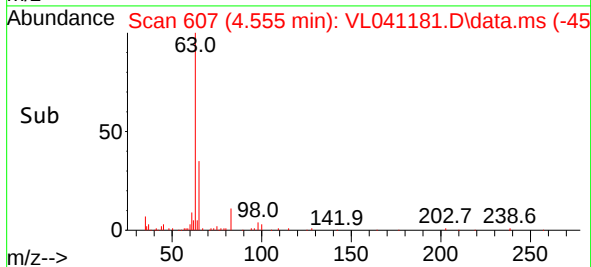
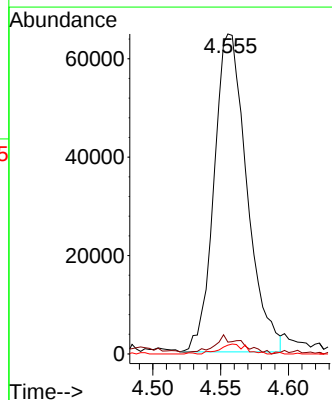
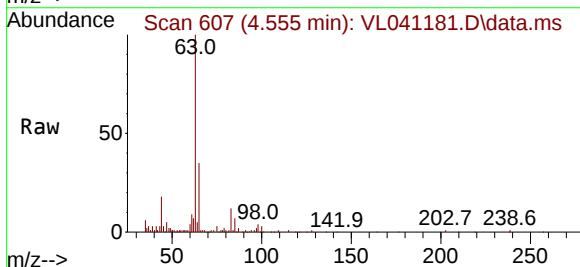
APPROVED

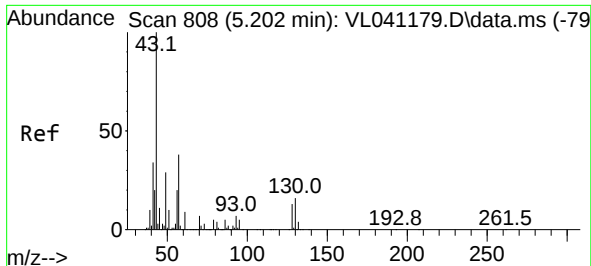
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#24
 1,1-Dichloroethane
 Concen: 1.024 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. -0.003 min
 Lab File: VL041181.D
 Acq: 29 Apr 2024 12:48

Tgt Ion: 63 Resp: 108957
 Ion Ratio Lower Upper
 63 100
 98 3.2 1.6 4.8
 100 2.8 1.1 3.5





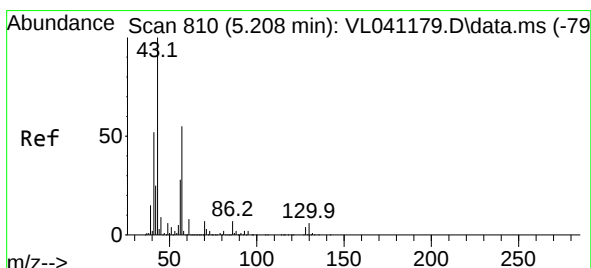
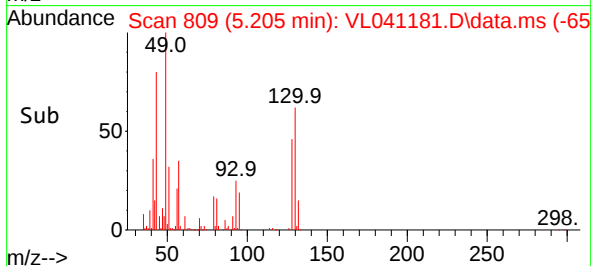
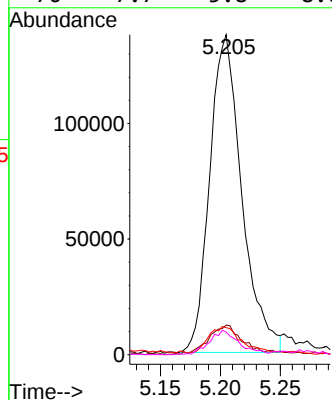
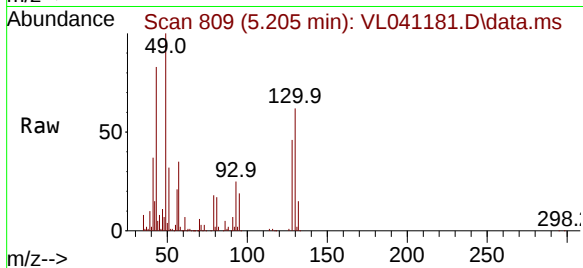
#25
Ethyl Acetate
Concen: 1.042 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 43	Resp: 25579
Ion Ratio	Lower Upper
43 100	
45 11.2	8.2 12.2
61 10.3	7.7 11.5
70 7.7	5.8 8.6

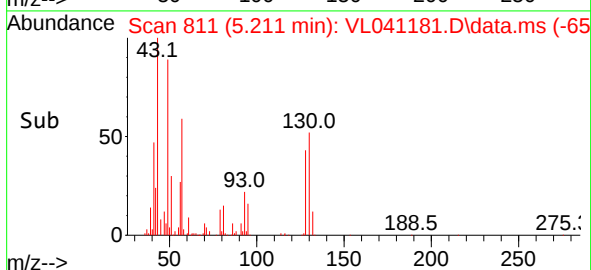
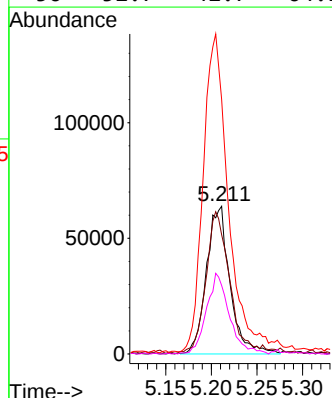
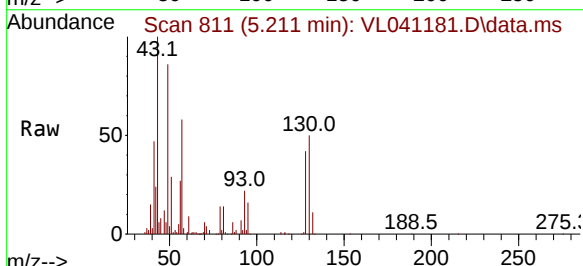
Manual Integrations
APPROVED

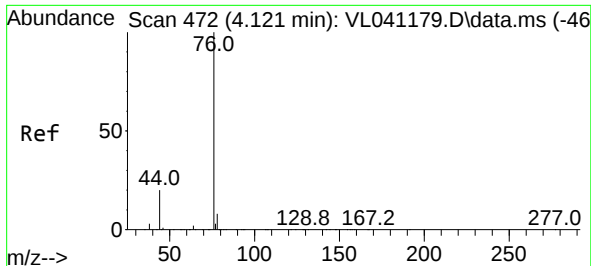
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#26
Hexane
Concen: 1.059 ppbv m
RT: 5.211 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

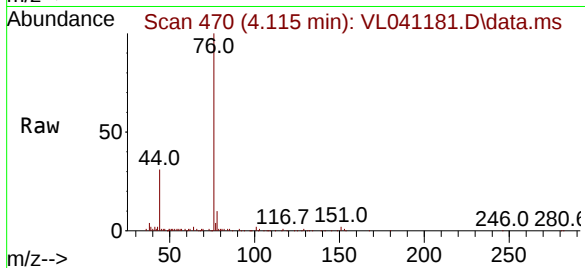
Tgt Ion: 57	Resp: 115039
Ion Ratio	Lower Upper
57 100	
41 97.5	75.8 113.8
43 232.0	187.0 280.4
56 52.7	42.7 64.1





#27
Carbon Disulfide
Concen: 1.024 ppbv
RT: 4.115 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

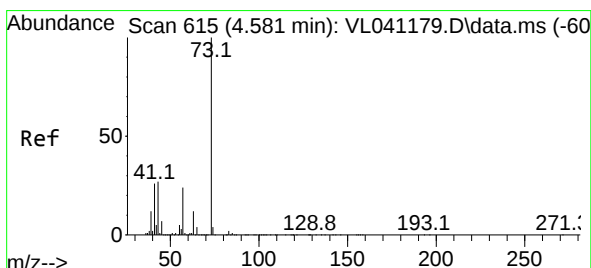
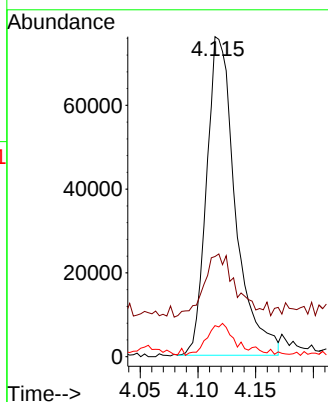
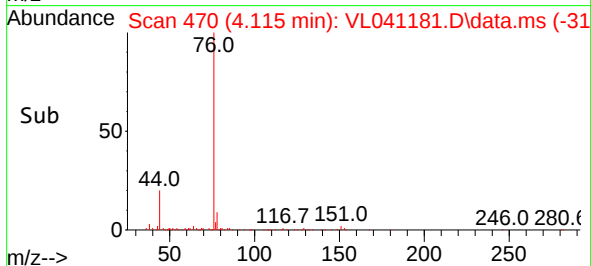
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 76 Resp: 132020
Ion Ratio Lower Upper
76 100
44 27.4 16.3 24.5
78 11.5 7.3 10.9

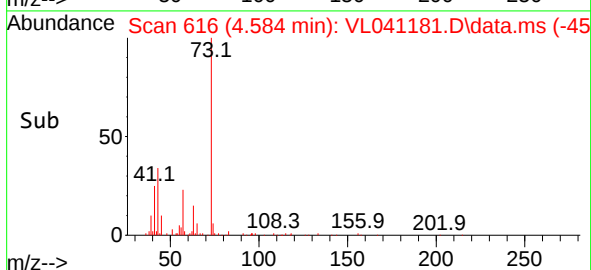
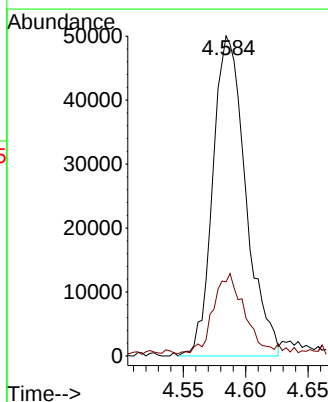
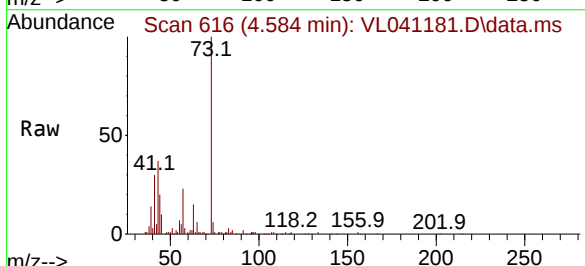
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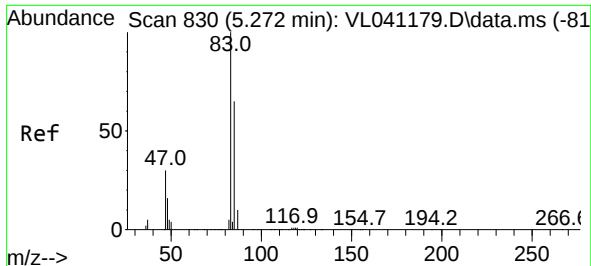
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#28
Methyl tert-Butyl Ether
Concen: 1.037 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

Tgt Ion: 73 Resp: 91678
Ion Ratio Lower Upper
73 100
57 27.6 18.8 28.2





#29

Chloroform

Concen: 1.018 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041181.D

Acq: 29 Apr 2024 12:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 83 Resp: 15442

Ion Ratio Lower Upper

83 100

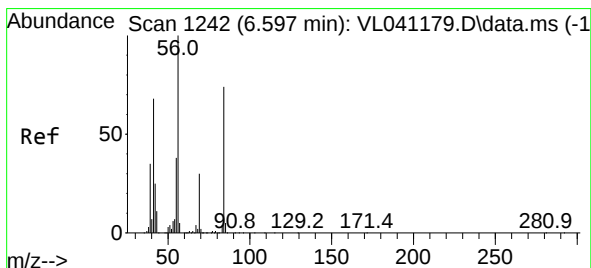
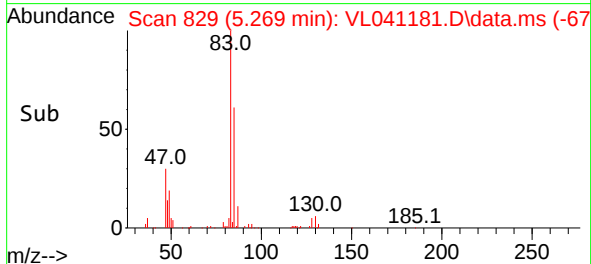
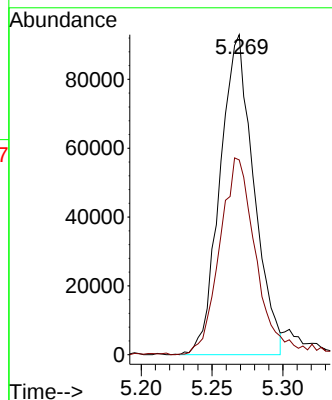
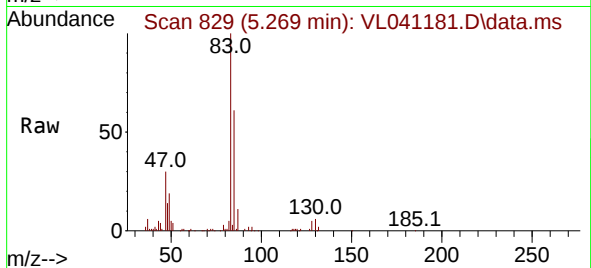
85 60.6 51.7 77.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#30

Cyclohexane

Concen: 1.010 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.003 min

Lab File: VL041181.D

Acq: 29 Apr 2024 12:48

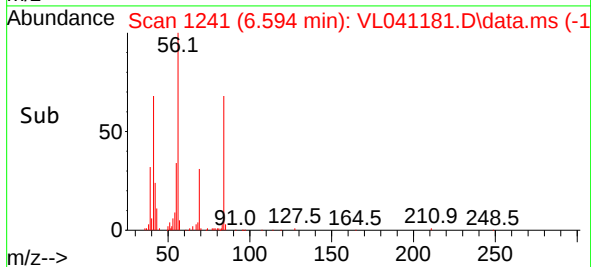
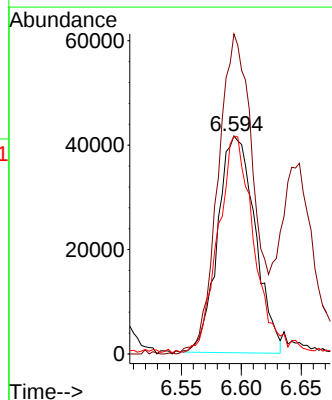
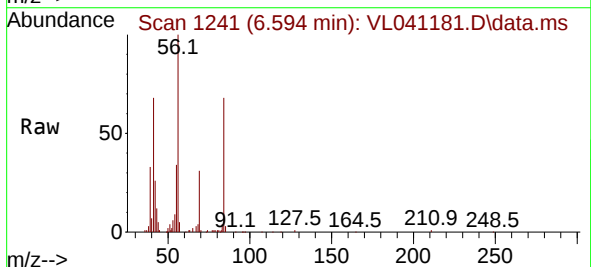
Tgt Ion: 84 Resp: 90083

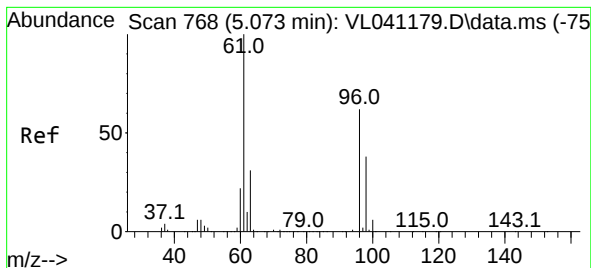
Ion Ratio Lower Upper

84 100

56 139.5 116.8 175.2

41 98.3 73.8 110.8





#31

cis-1,2-Dichloroethene

Concen: 1.005 ppbv

RT: 5.073 min Scan# 768

Delta R.T. 0.000 min

Lab File: VL041181.D

Acq: 29 Apr 2024 12:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 61 Resp: 104548

Ion Ratio Lower Upper

61 100

96 62.3 49.8 74.6

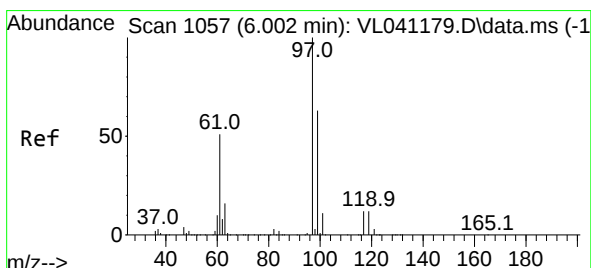
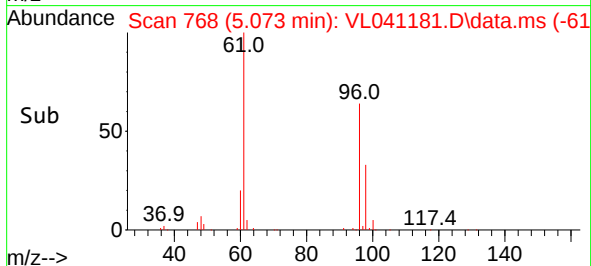
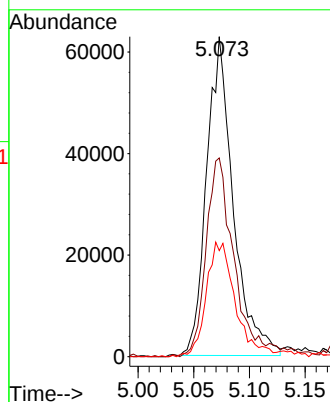
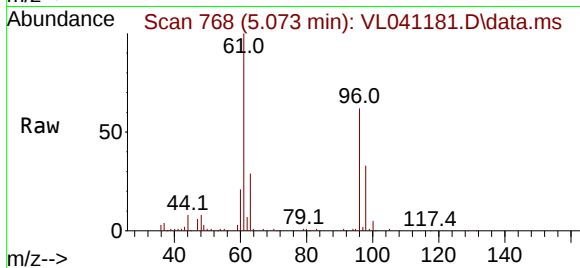
98 32.7 30.0 45.0

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Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#32

1,1,1-Trichloroethane

Concen: 1.057 ppbv

RT: 5.999 min Scan# 1056

Delta R.T. -0.003 min

Lab File: VL041181.D

Acq: 29 Apr 2024 12:48

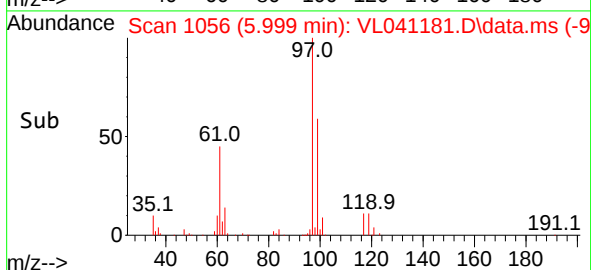
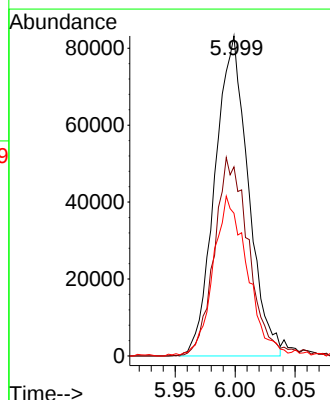
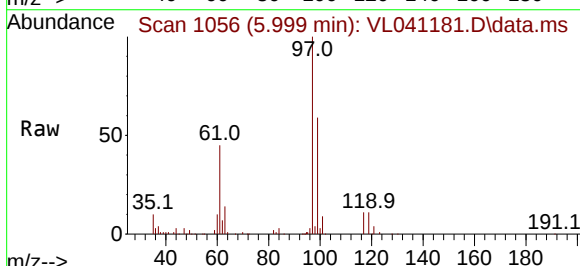
Tgt Ion: 97 Resp: 160820

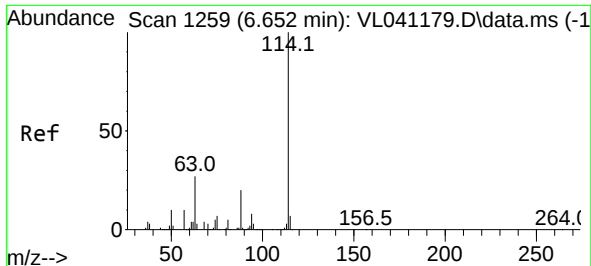
Ion Ratio Lower Upper

97 100

99 65.0 51.7 77.5

61 52.4 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL041181.D

Acq: 29 Apr 2024 12:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 265068

Ion Ratio Lower Upper

114 100

63 26.4 21.8 32.6

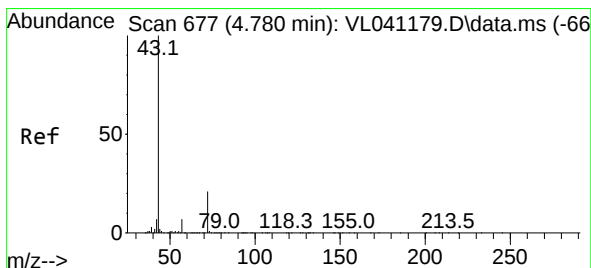
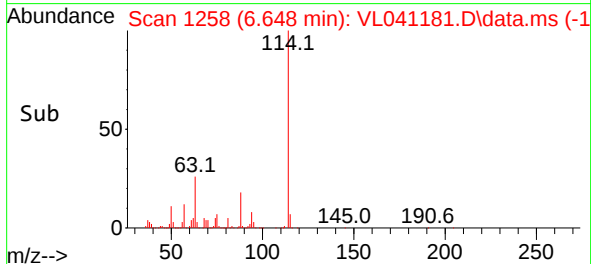
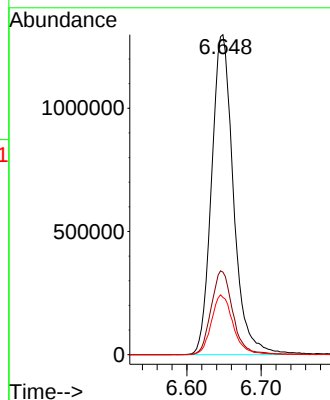
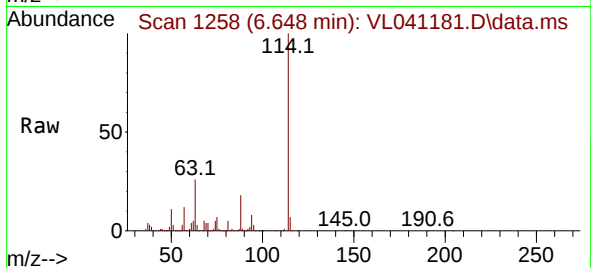
88 18.8 15.2 22.8

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Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#34

2-Butanone

Concen: 1.127 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.006 min

Lab File: VL041181.D

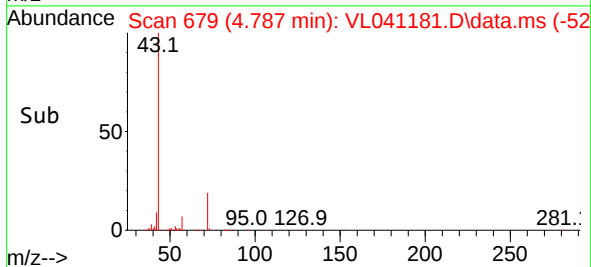
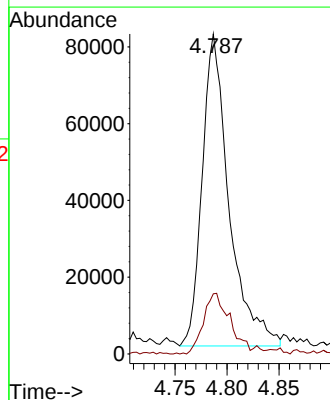
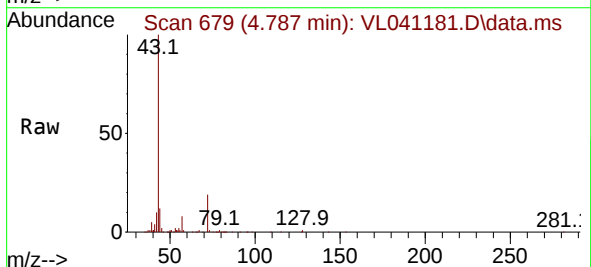
Acq: 29 Apr 2024 12:48

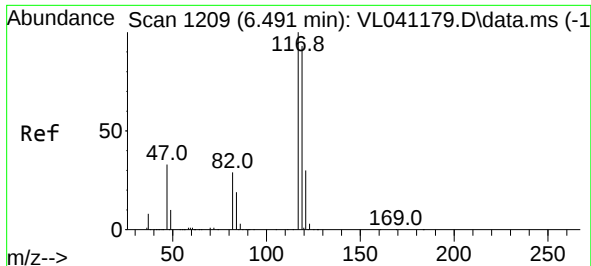
Tgt Ion: 43 Resp: 146130

Ion Ratio Lower Upper

43 100

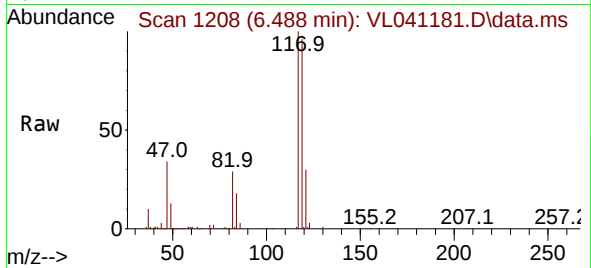
72 21.5 17.3 25.9





#35
Carbon Tetrachloride
Concen: 1.022 ppbv
RT: 6.488 min Scan# 1169
Delta R.T. -0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

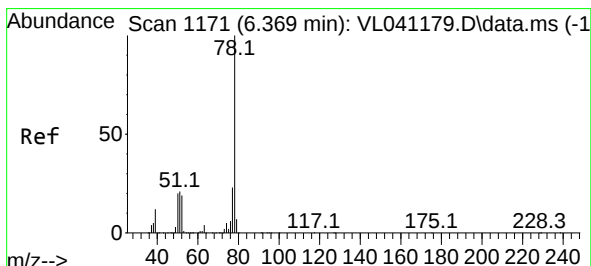
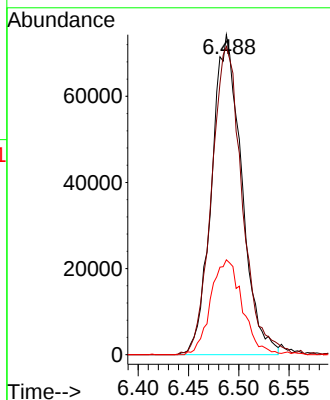
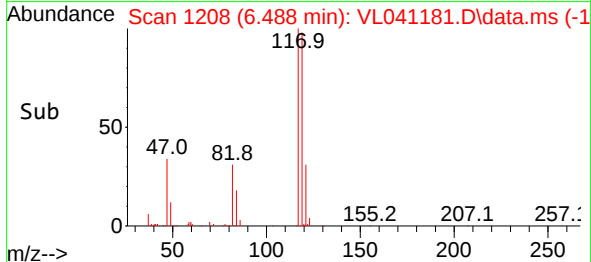
Instrument : MSVOA_L
ClientSampleId : VSTDIC001



Tgt Ion: 117 Resp: 153780
Ion Ratio Lower Upper
117 100
119 96.1 74.3 111.5
121 29.7 23.8 35.8

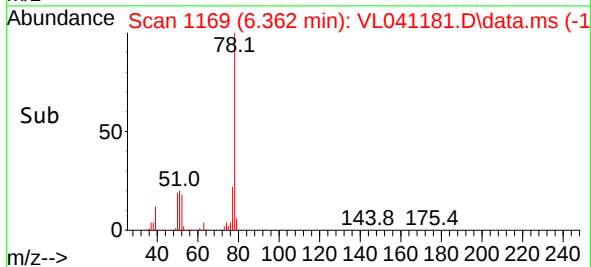
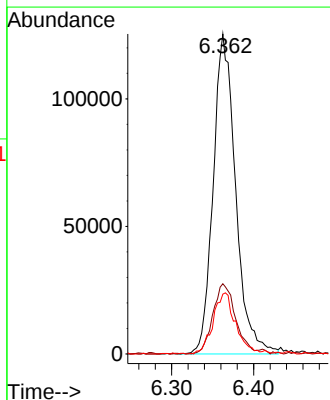
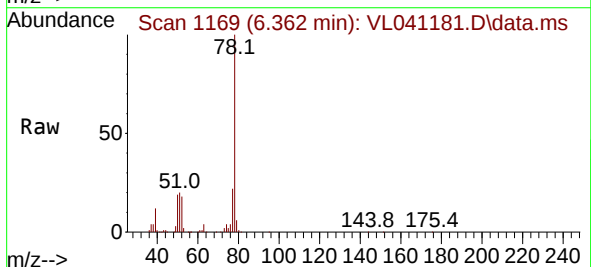
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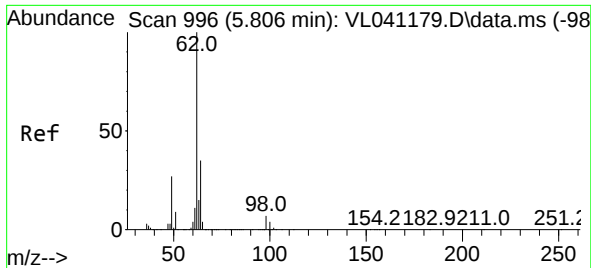
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#36
Benzene
Concen: 1.068 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

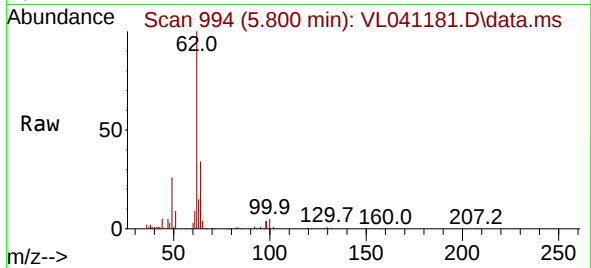
Tgt Ion: 78 Resp: 238138
Ion Ratio Lower Upper
78 100
77 21.8 18.3 27.5
50 18.7 15.9 23.9





#37
1,2-Dichloroethane
Concen: 1.015 ppbv
RT: 5.800 min Scan# 996
Delta R.T. -0.006 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

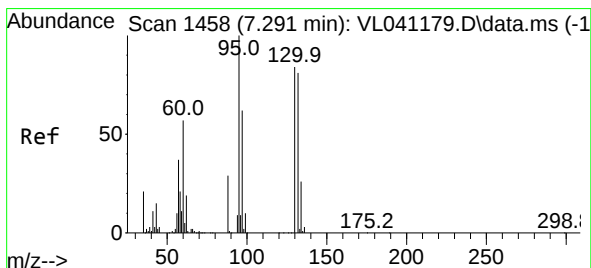
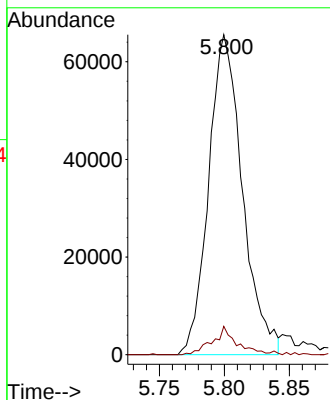
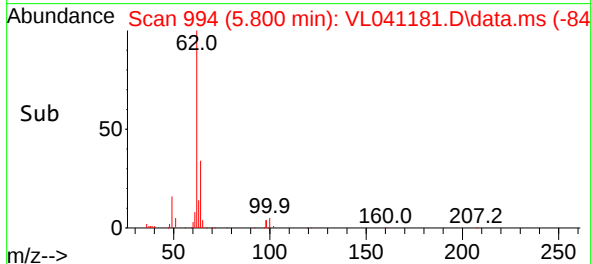
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



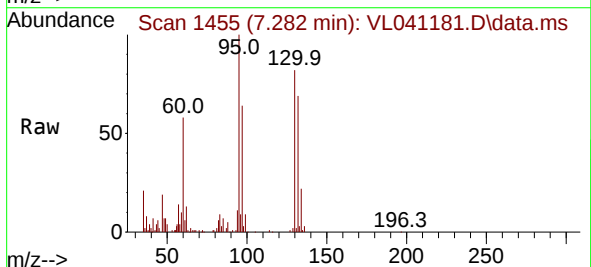
Tgt Ion: 62 Resp: 118480
Ion Ratio Lower Upper
62 100
98 6.4 5.0 7.4

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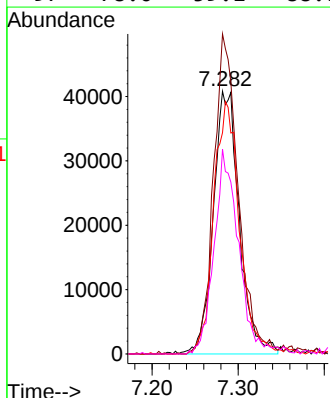
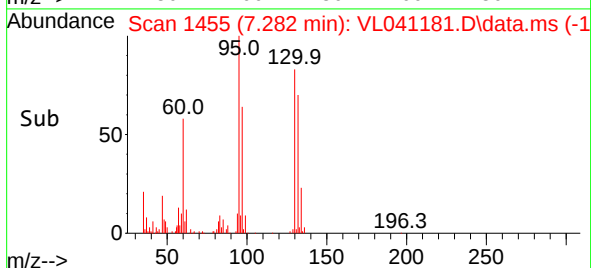
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

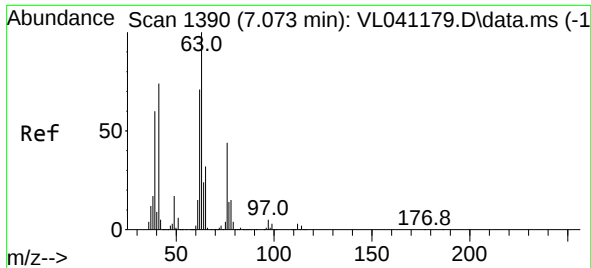


#38
Trichloroethene
Concen: 1.013 ppbv m
RT: 7.282 min Scan# 1455
Delta R.T. -0.010 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48



Tgt Ion:130 Resp: 85299
Ion Ratio Lower Upper
130 100
95 121.8 95.0 142.6
132 84.2 77.0 115.4
97 78.0 59.1 88.7





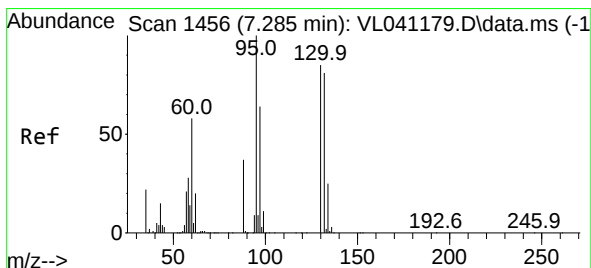
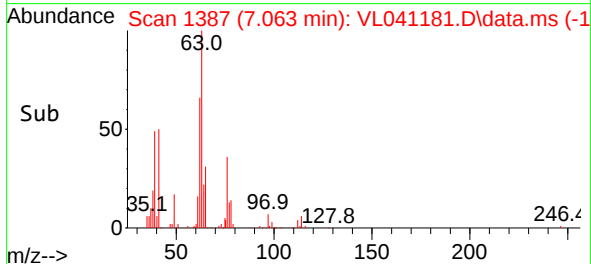
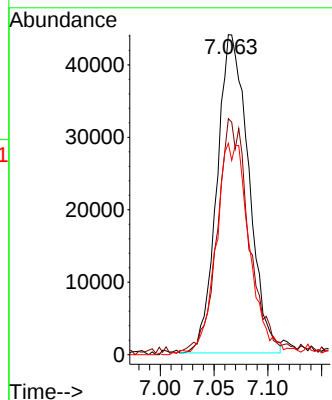
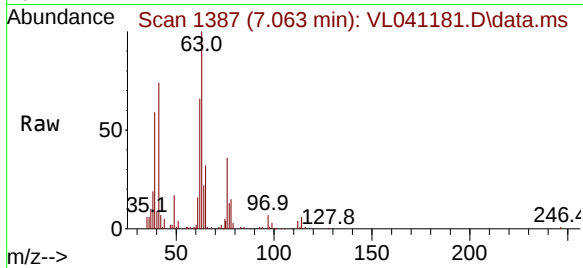
#39
1,2-Dichloropropane
Concen: 1.047 ppbv
RT: 7.063 min Scan# 1387
Delta R.T. -0.010 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 63 Resp: 90185
Ion Ratio Lower Upper
63 100
41 73.0 59.4 89.0
62 65.1 56.8 85.2

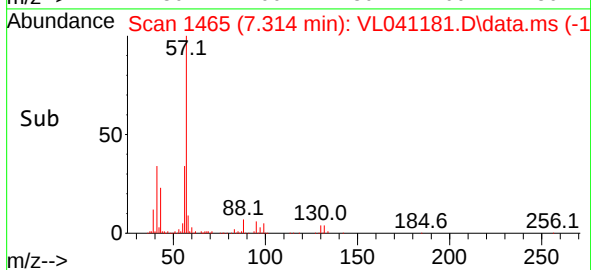
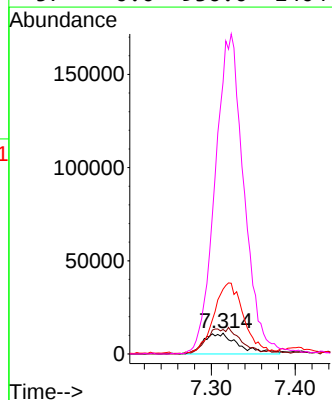
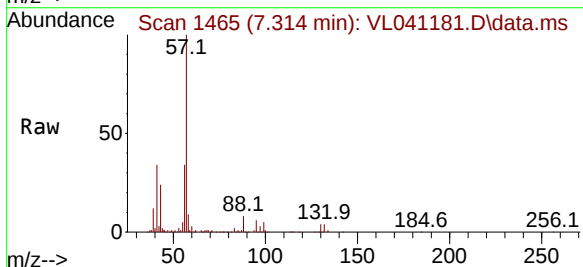
Manual Integrations
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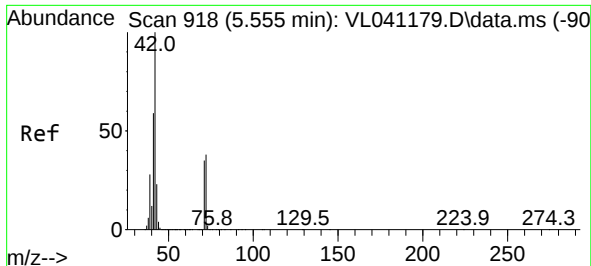
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#40
1,4-Dioxane
Concen: 1.048 ppbv m
RT: 7.314 min Scan# 1465
Delta R.T. 0.029 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

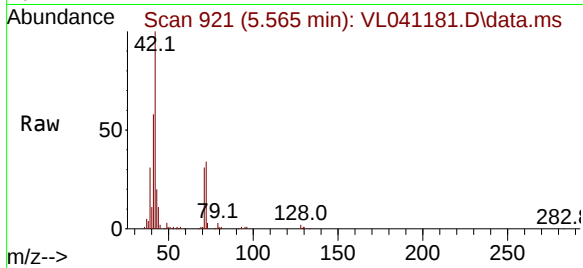
Tgt Ion: 88 Resp: 32228
Ion Ratio Lower Upper
88 100
58 0.0 106.1 159.1#
43 0.0 219.8 329.6#
57 0.0 936.0 1404.0#





#41
Tetrahydrofuran
Concen: 1.004 ppbv
RT: 5.565 min Scan# 918
Delta R.T. 0.010 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

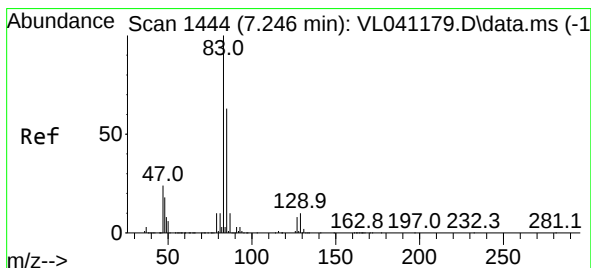
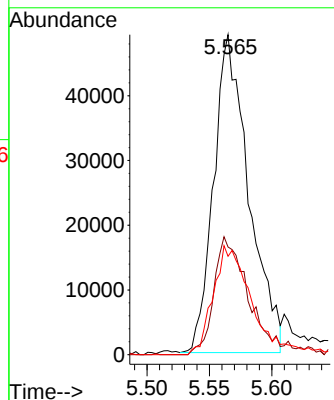
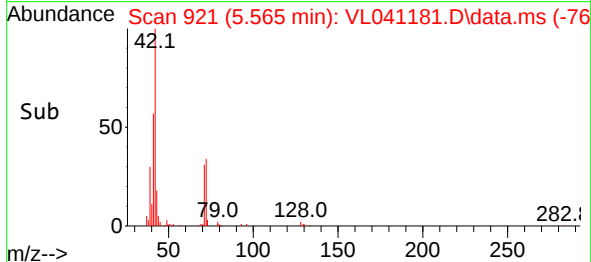
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



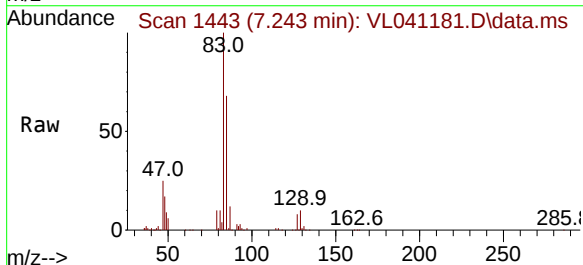
Tgt Ion: 42 Resp: 96300
Ion Ratio Lower Upper
42 100
72 37.9 29.4 44.0
71 38.0 29.1 43.7

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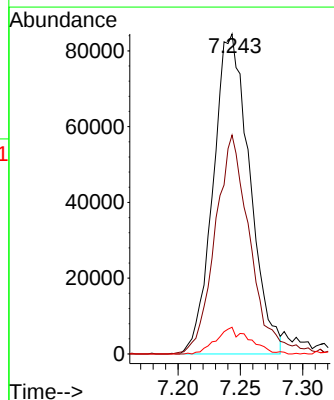
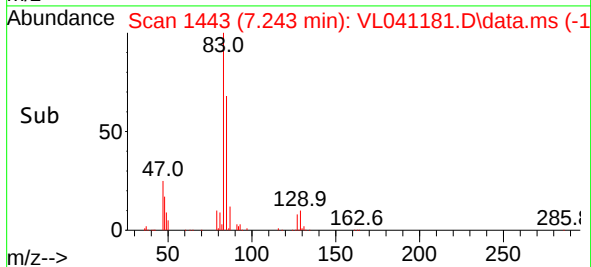
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

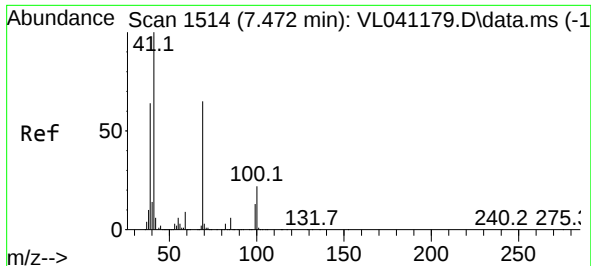


#42
Bromodichloromethane
Concen: 1.009 ppbv
RT: 7.243 min Scan# 1443
Delta R.T. -0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48



Tgt Ion: 83 Resp: 171873
Ion Ratio Lower Upper
83 100
85 67.8 50.6 75.8
127 8.4 6.2 9.4





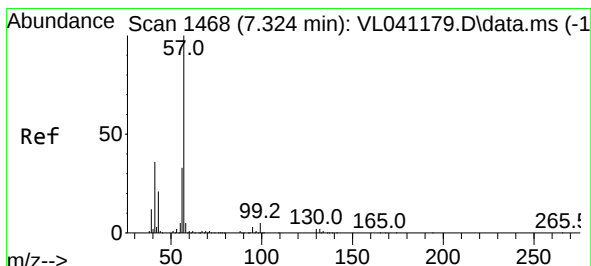
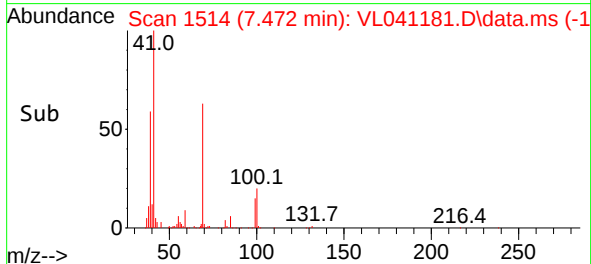
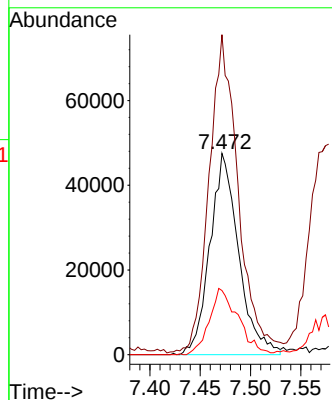
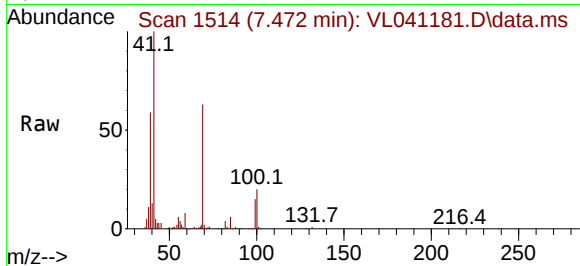
#43
Methyl Methacrylate
Concen: 1.032 ppbv
RT: 7.472 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 69 Resp: 9444
Ion Ratio Lower Upper
69 100
41 159.9 125.2 187.8
100 33.8 26.7 40.1

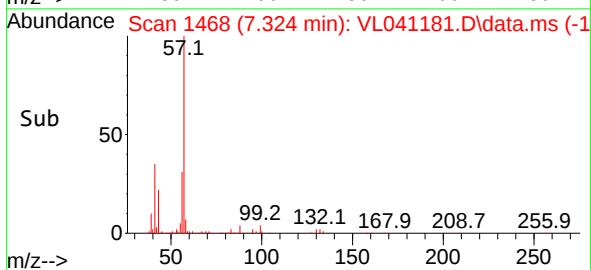
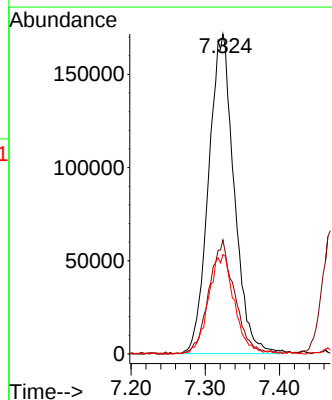
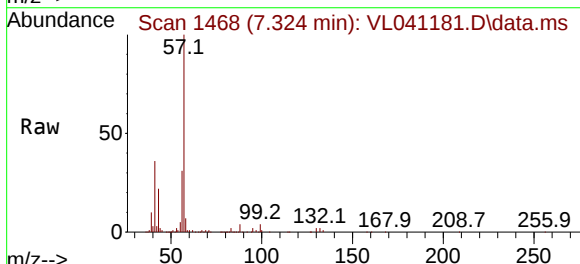
Manual Integrations
APPROVED

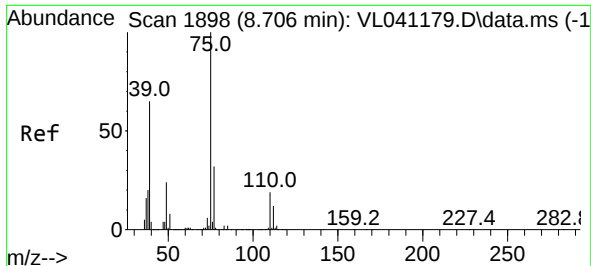
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#44
2,2,4-Trimethylpentane
Concen: 1.061 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

Tgt Ion: 57 Resp: 409495
Ion Ratio Lower Upper
57 100
41 35.4 29.5 44.3
56 31.9 25.3 37.9





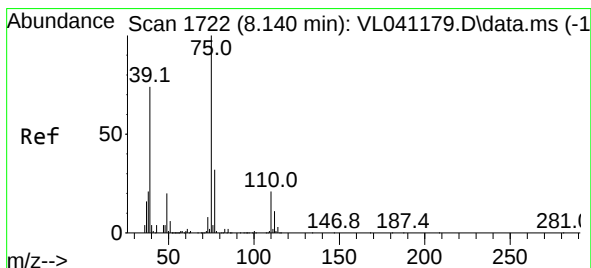
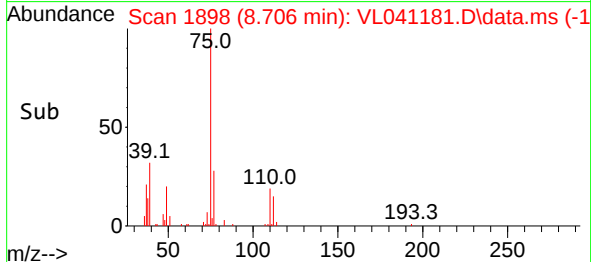
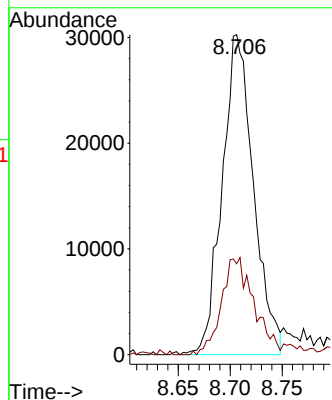
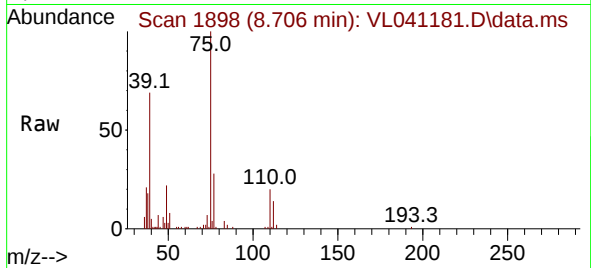
#45
t-1,3-Dichloropropene
Concen: 0.949 ppbv
RT: 8.706 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 63578
Ion Ratio Lower Upper
75 100
77 28.4 25.6 38.4

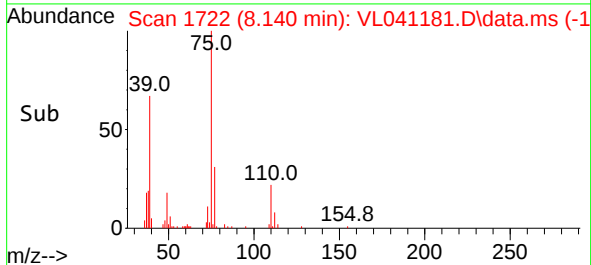
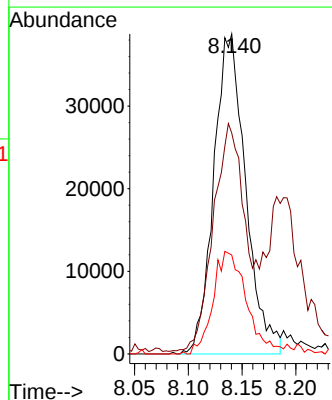
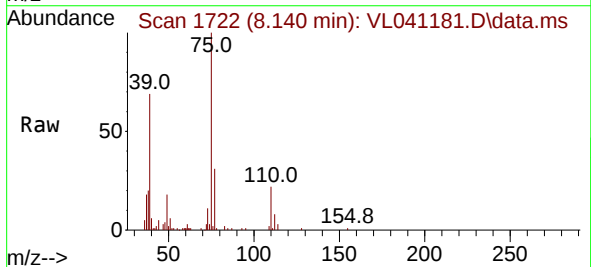
Manual Integrations
APPROVED

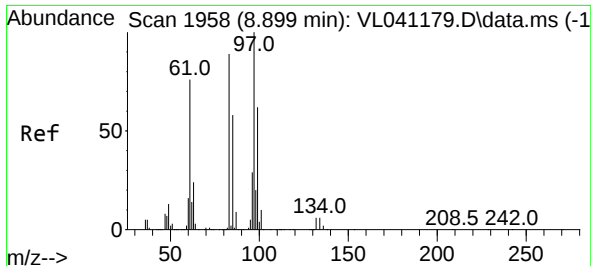
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#46
cis-1,3-Dichloropropene
Concen: 0.983 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. 0.000 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

Tgt Ion: 75 Resp: 79736
Ion Ratio Lower Upper
75 100
39 67.7 59.4 89.2
77 31.0 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 1.033 ppbv

RT: 8.896 min Scan# 1958

Delta R.T. -0.003 min

Lab File: VL041181.D

Acq: 29 Apr 2024 12:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 88640

Ion Ratio Lower Upper

97 100

83 83.3 71.2 106.8

85 55.9 46.0 69.0

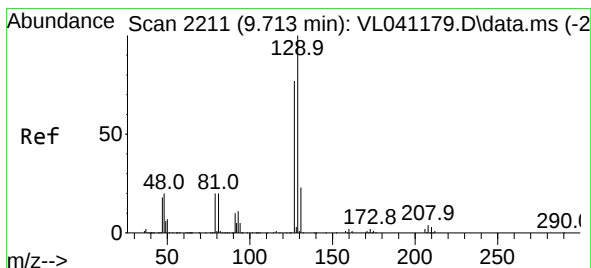
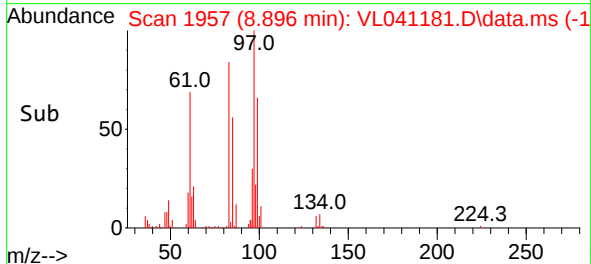
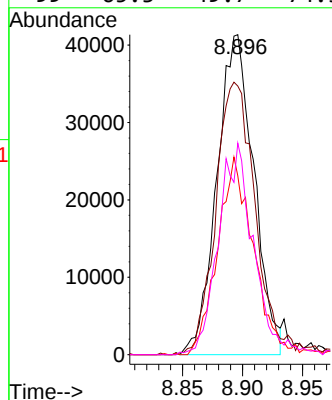
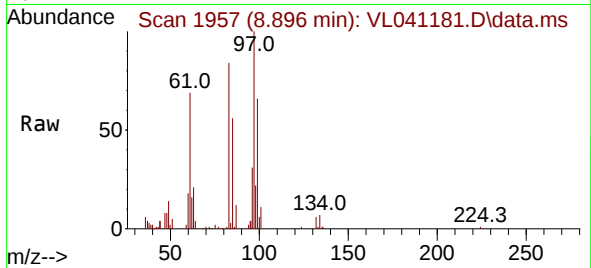
99 65.3 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#48

Dibromochloromethane

Concen: 1.001 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. -0.010 min

Lab File: VL041181.D

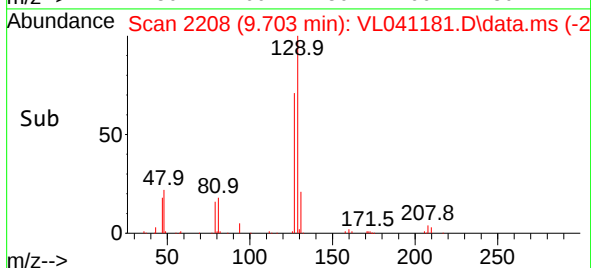
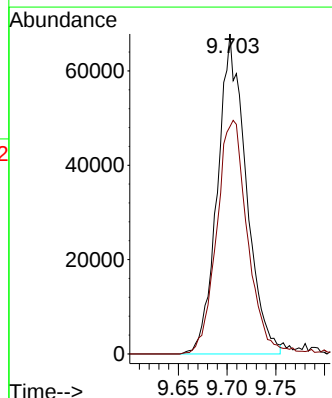
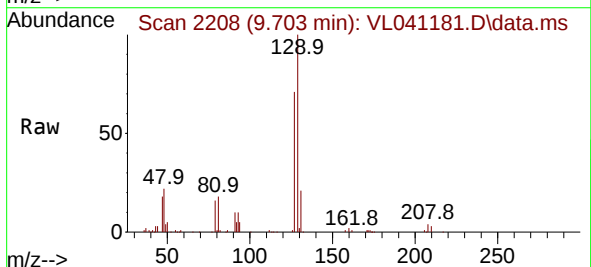
Acq: 29 Apr 2024 12:48

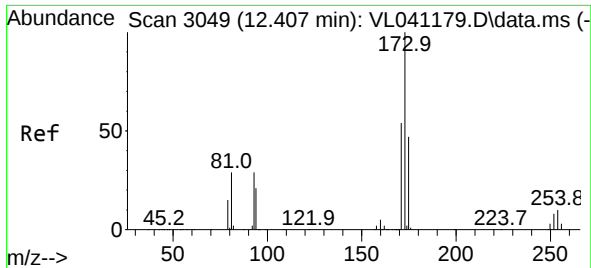
Tgt Ion:129 Resp: 138932

Ion Ratio Lower Upper

129 100

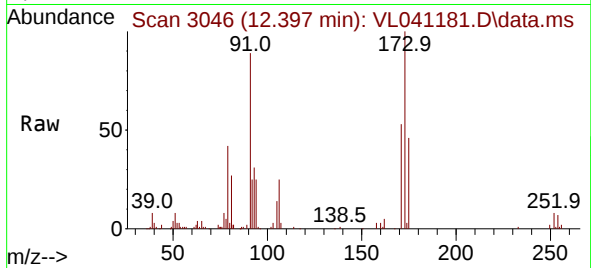
127 79.8 39.1 117.5





#49
Bromoform
Concen: 0.987 ppbv
RT: 12.397 min Scan# 3049
Delta R.T. -0.010 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

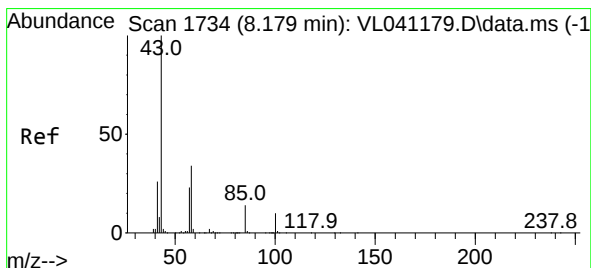
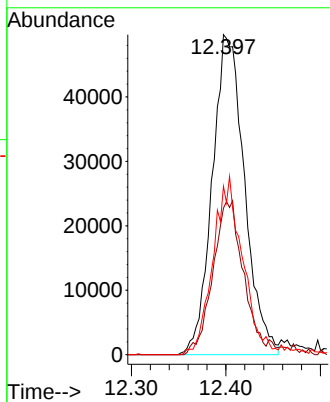
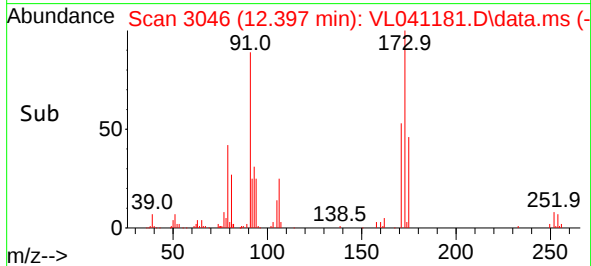
Instrument : MSVOA_L
ClientSampleId : VSTDIC001



Tgt Ion: 173 Resp: 11764
Ion Ratio Lower Upper
173 100
175 46.6 39.8 59.8
171 52.7 41.8 62.8

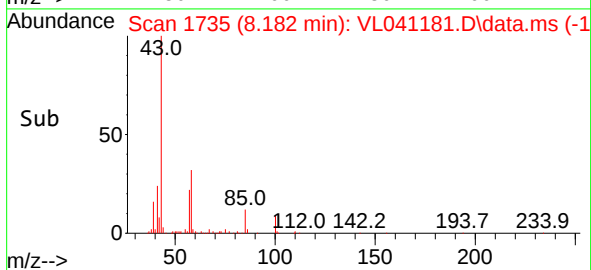
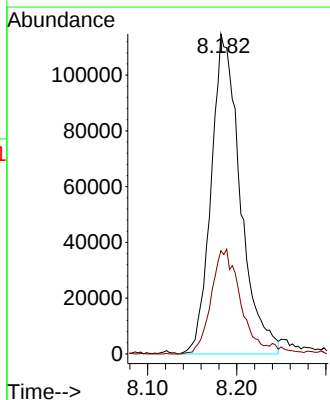
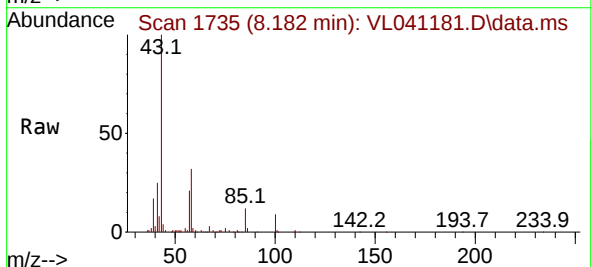
Manual Integrations
APPROVED

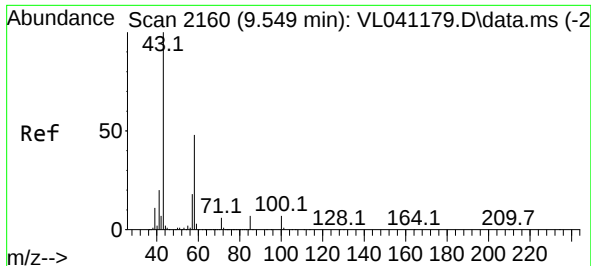
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#50
4-Methyl-2-Pentanone
Concen: 1.066 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. 0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

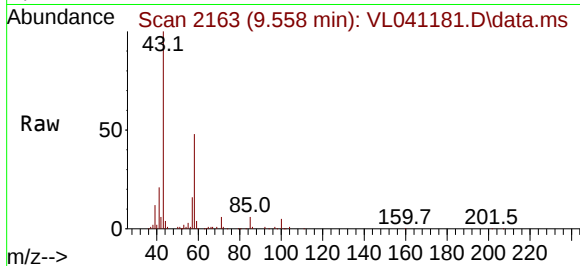
Tgt Ion: 43 Resp: 260965
Ion Ratio Lower Upper
43 100
58 34.5 27.7 41.5





#51
2-Hexanone
Concen: 1.038 ppbv
RT: 9.558 min Scan# 2160
Delta R.T. 0.010 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

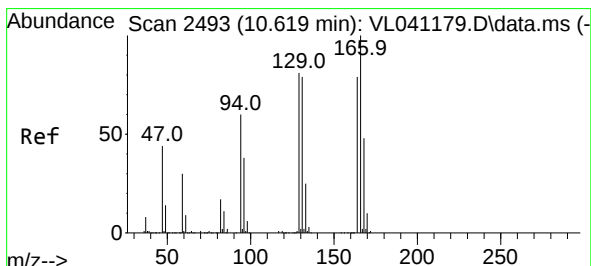
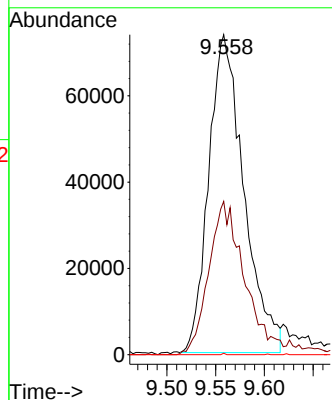
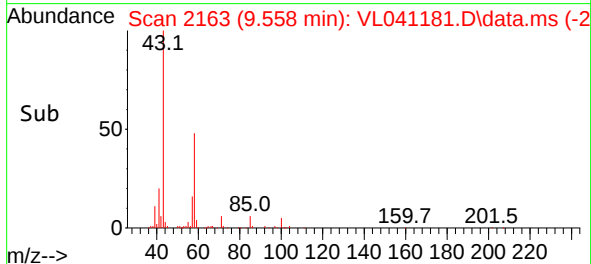
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 185009
Ion Ratio Lower Upper
43 100
58 52.1 38.4 57.6
98 0.0 0.0 0.0

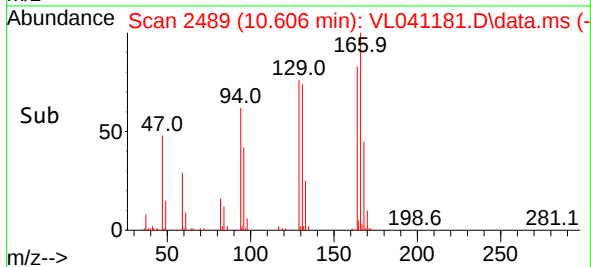
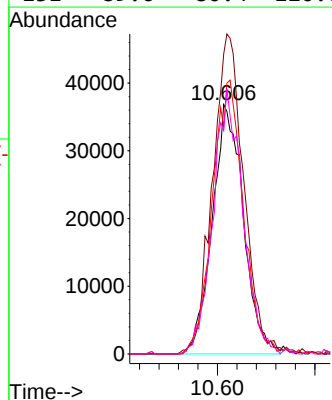
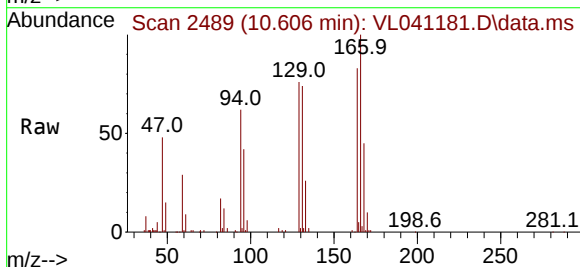
Manual Integrations
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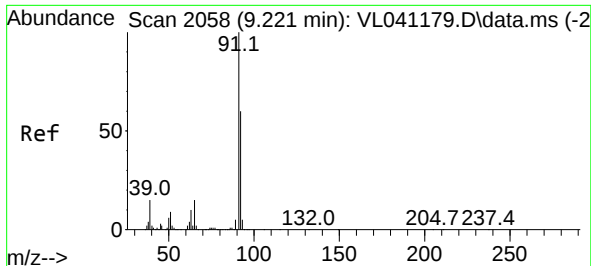
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#52
Tetrachloroethene
Concen: 1.038 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. -0.013 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

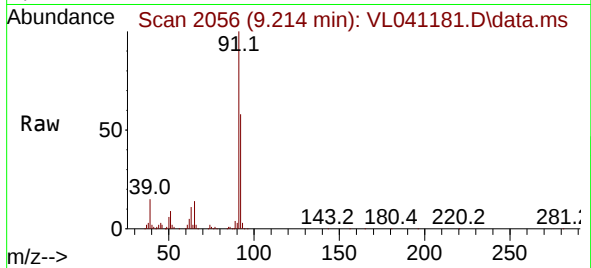
Tgt Ion:164 Resp: 81594
Ion Ratio Lower Upper
164 100
166 119.8 101.1 151.7
129 91.0 81.7 122.5
131 89.6 80.4 120.6





#53
Toluene
Concen: 1.041 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

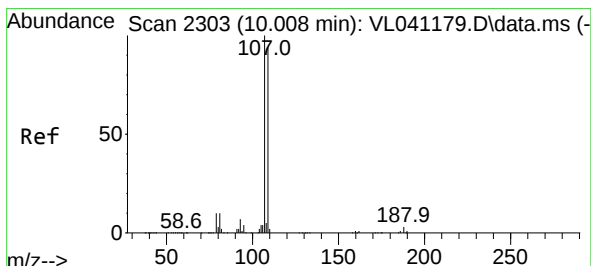
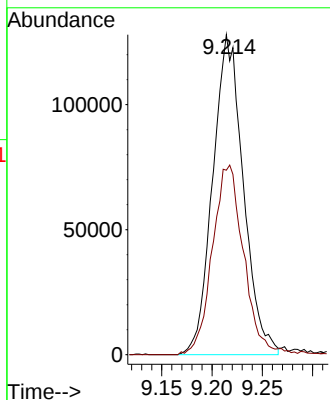
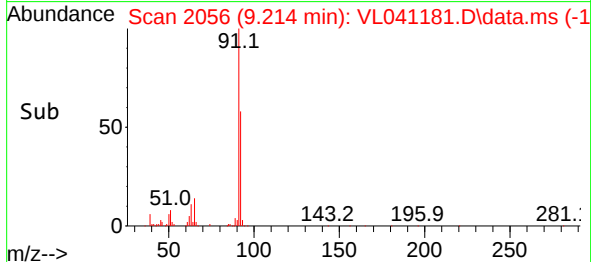
Instrument : MSVOA_L
Client Sample Id : VSTDIC001



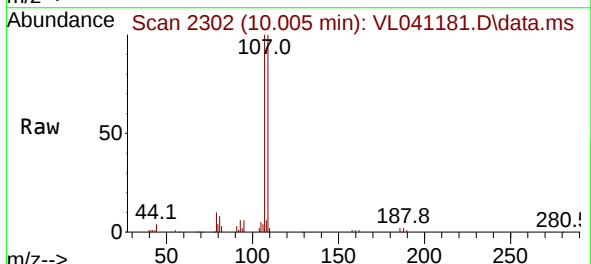
Tgt Ion: 91 Resp: 270789
Ion Ratio Lower Upper
91 100
92 61.1 48.2 72.4

Manual Integrations
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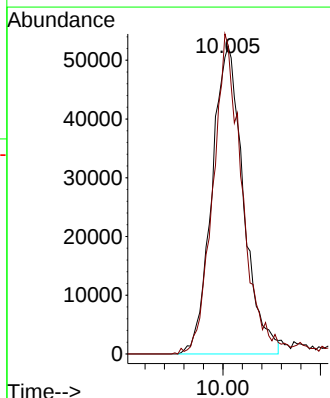
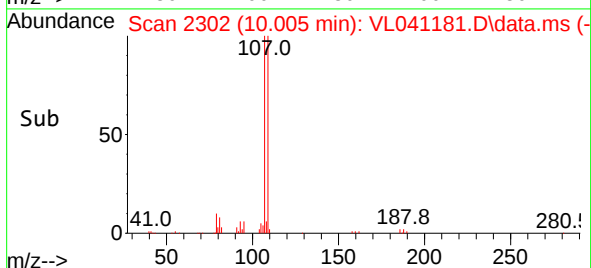
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

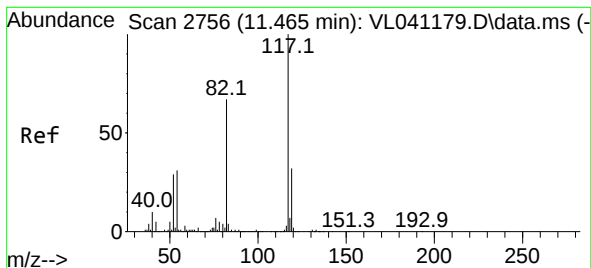


#54
1,2-Dibromoethane
Concen: 1.009 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. -0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48



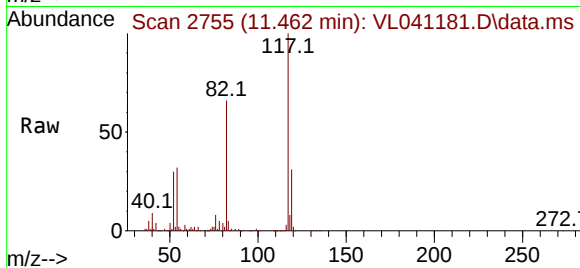
Tgt Ion:107 Resp: 117672
Ion Ratio Lower Upper
107 100
109 100.1 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

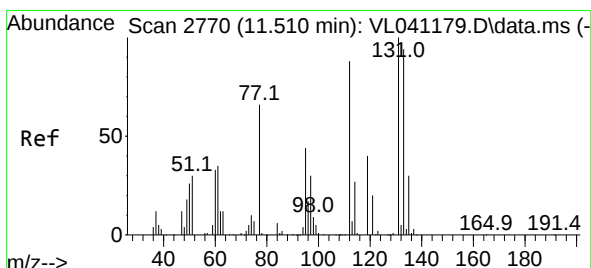
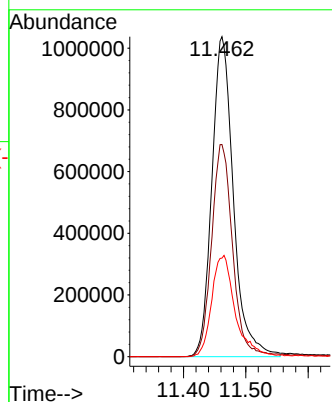
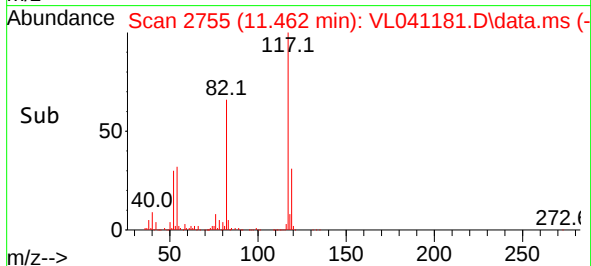
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



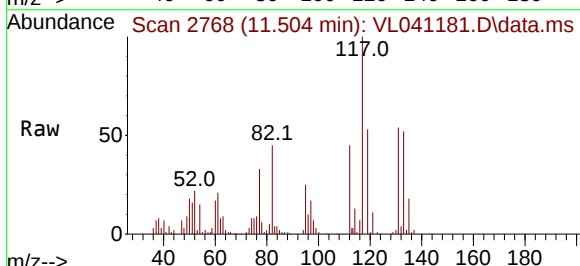
Tgt Ion:117 Resp: 249041
Ion Ratio Lower Upper
117 100
82 66.0 53.6 80.4
119 34.9 27.2 40.8

Manual Integrations
APPROVED

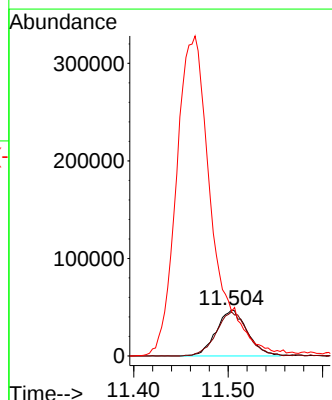
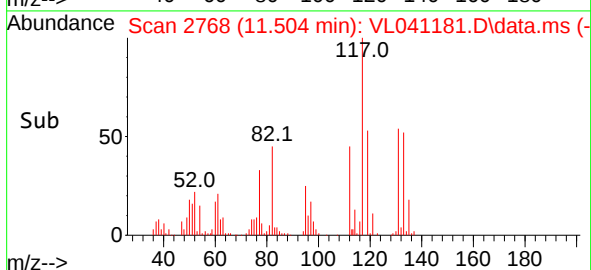
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

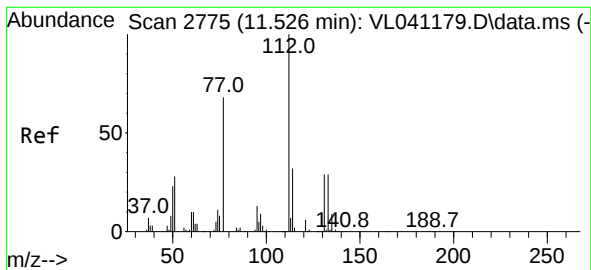


#56
1,1,1,2-Tetrachloroethane
Concen: 1.038 ppbv
RT: 11.504 min Scan# 2768
Delta R.T. -0.006 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48



Tgt Ion:131 Resp: 107017
Ion Ratio Lower Upper
131 100
133 97.5 76.3 114.5
119 811.4 49.4 74.2#





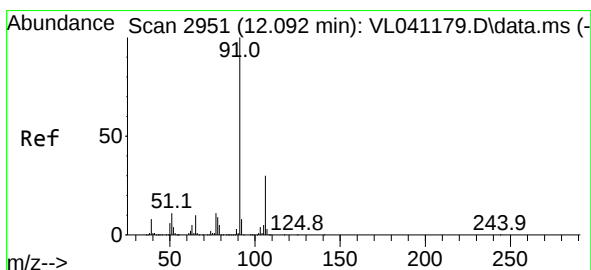
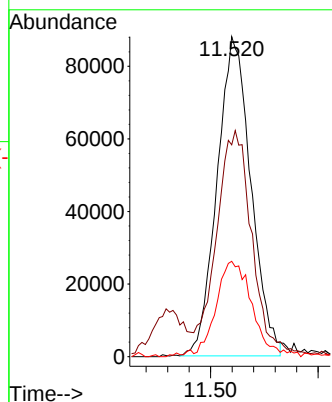
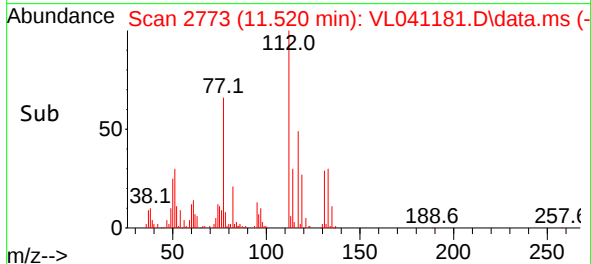
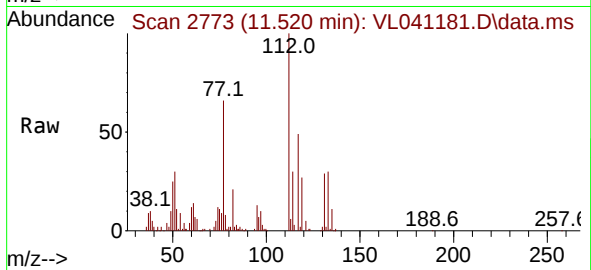
#57
Chlorobenzene
Concen: 1.056 ppbv
RT: 11.520 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 192360
Ion Ratio Lower Upper
112 100
77 61.7 54.9 82.3
114 29.2 28.7 35.1

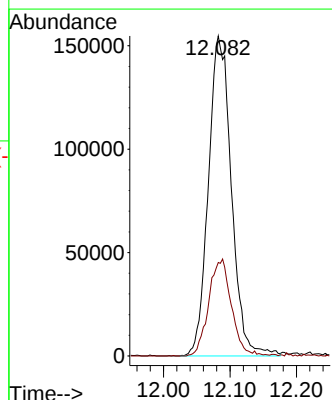
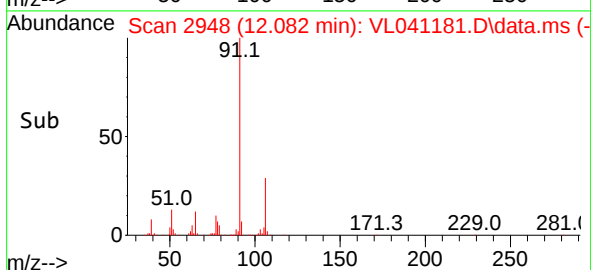
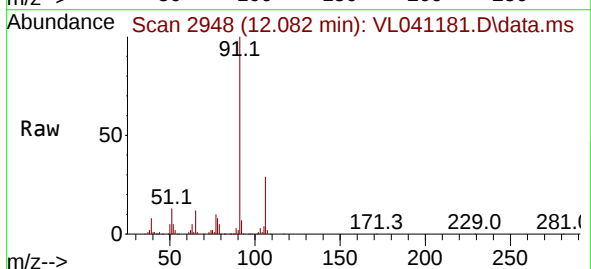
Manual Integrations
APPROVED

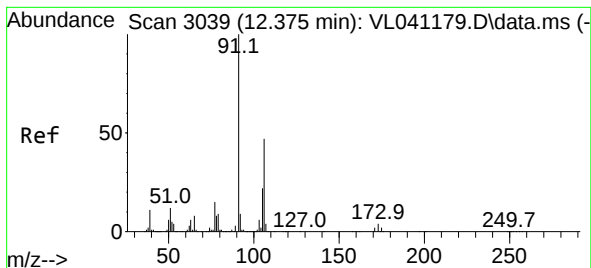
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#58
Ethyl Benzene
Concen: 1.086 ppbv m
RT: 12.082 min Scan# 2948
Delta R.T. -0.010 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

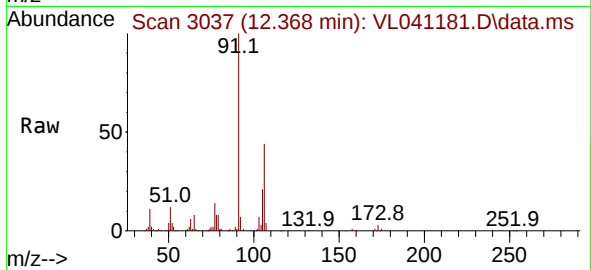
Tgt Ion: 91 Resp: 372483
Ion Ratio Lower Upper
91 100
106 29.2 24.3 36.5





#59
m/p-Xylene
Concen: 2.186 ppbv m
RT: 12.368 min Scan# 3039
Delta R.T. -0.006 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

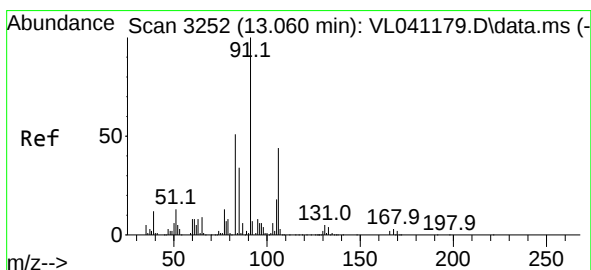
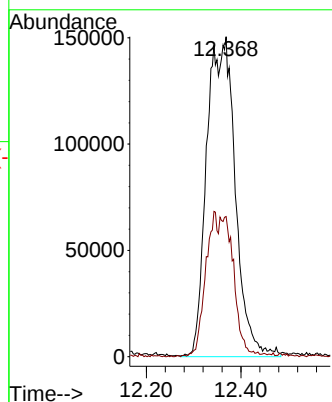
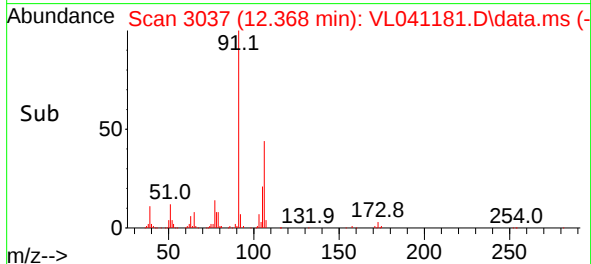
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 91 Resp: 629262
Ion Ratio Lower Upper
91 100
106 0.0 35.7 53.5

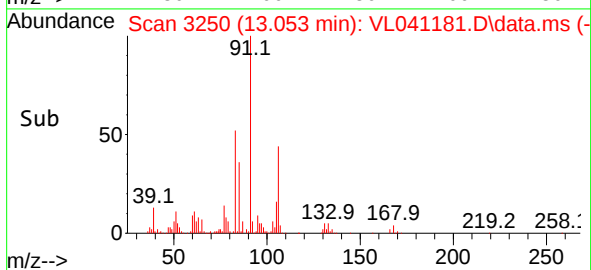
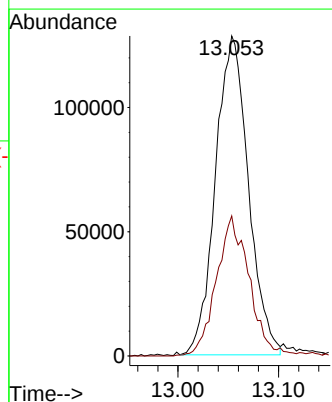
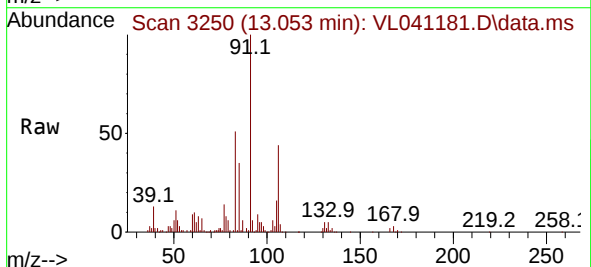
Manual Integrations
APPROVED

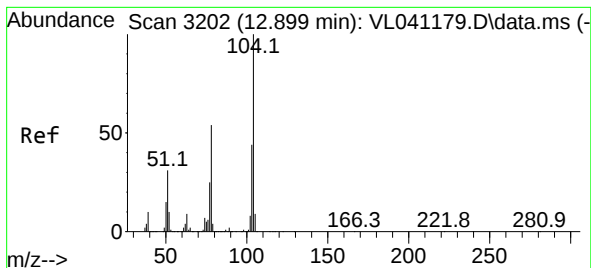
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#60
o-Xylene
Concen: 1.081 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. -0.006 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

Tgt Ion: 91 Resp: 292199
Ion Ratio Lower Upper
91 100
106 44.1 22.4 67.3





#61

Styrene

Concen: 1.040 ppbv m

RT: 12.896 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL041181.D

Acq: 29 Apr 2024 12:48

Instrument :

MSVOA_L

ClientSampleId :

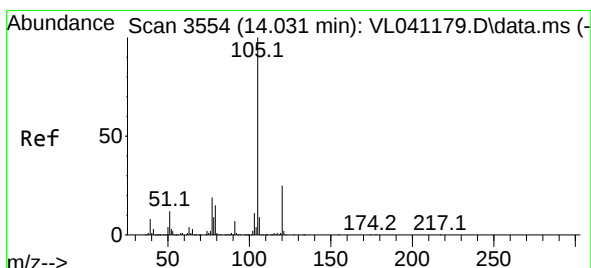
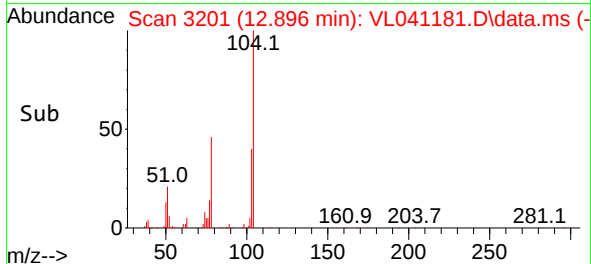
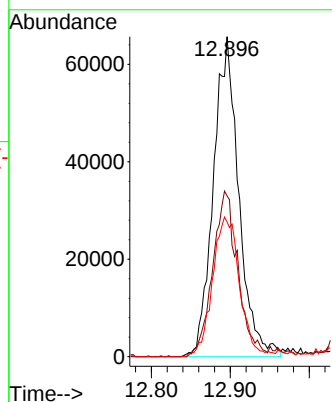
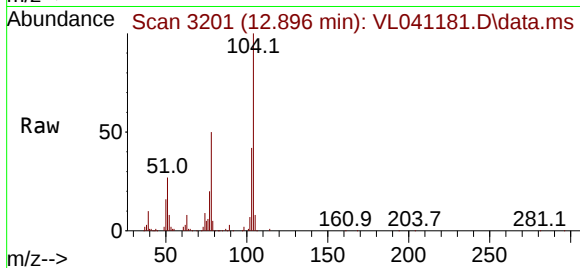
VSTDICC001

Tgt Ion:104 Resp: 146815
 Ion Ratio Lower Upper
 104 100
 78 53.2 42.6 63.8
 103 47.3 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#62

Isopropylbenzene

Concen: 1.080 ppbv

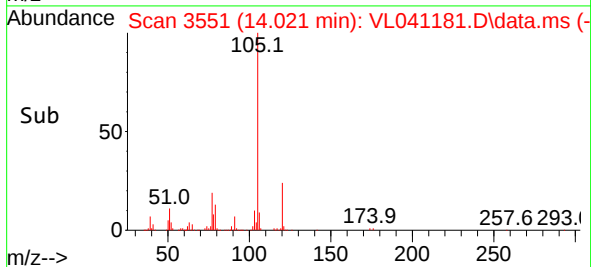
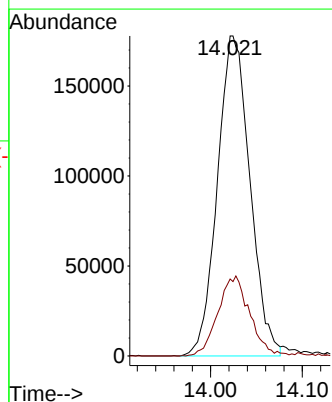
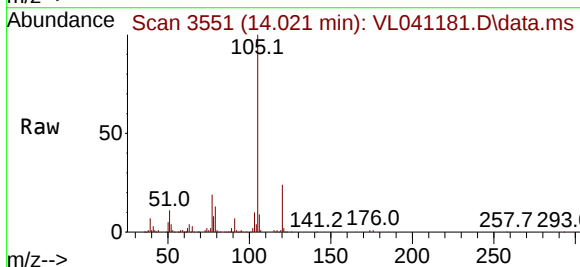
RT: 14.021 min Scan# 3551

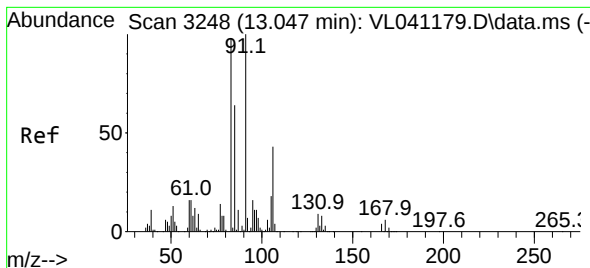
Delta R.T. -0.010 min

Lab File: VL041181.D

Acq: 29 Apr 2024 12:48

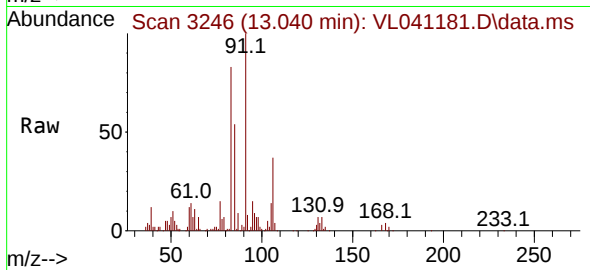
Tgt Ion:105 Resp: 438392
 Ion Ratio Lower Upper
 105 100
 120 24.9 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 1.053 ppbv
RT: 13.040 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

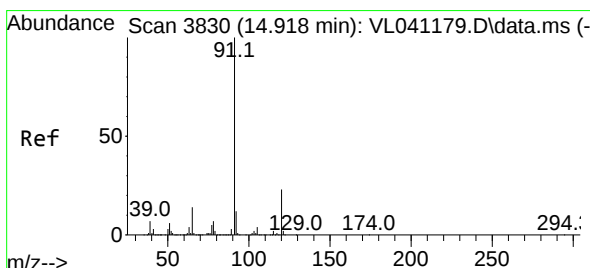
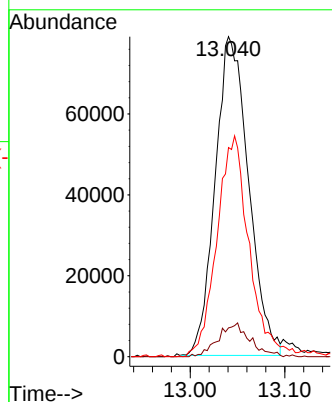
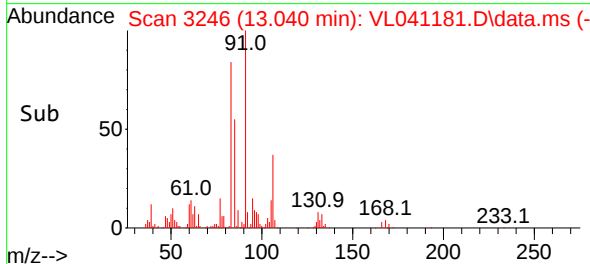
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



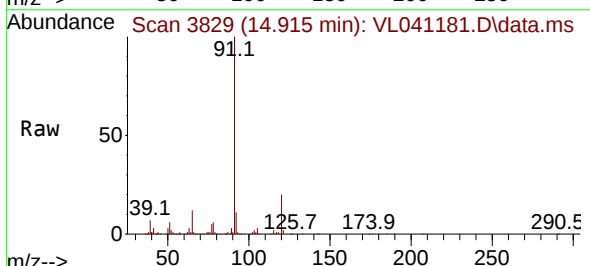
Tgt Ion: 83 Resp: 19342
Ion Ratio Lower Upper
83 100
131 10.1 4.5 13.5
85 68.1 32.7 98.1

Manual Integrations
APPROVED

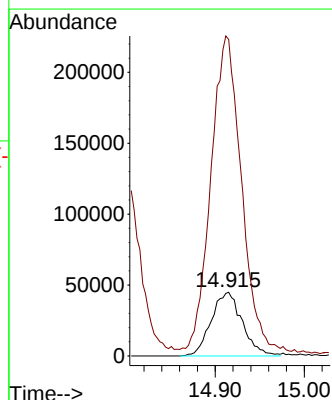
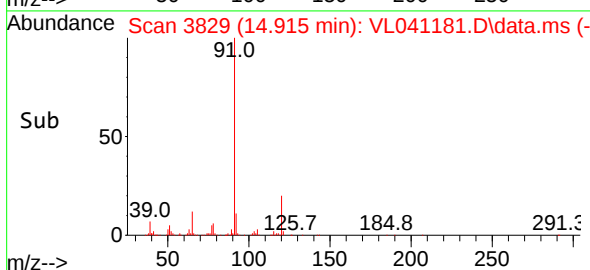
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

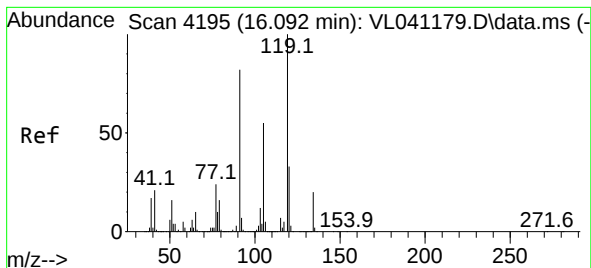


#64
n-propylbenzene
Concen: 1.071 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. -0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48



Tgt Ion:120 Resp: 108967
Ion Ratio Lower Upper
120 100
91 508.0 384.8 577.2





#65

tert-Butylbenzene

Concen: 1.115 ppbv m

RT: 16.082 min Scan# 4195

Delta R.T. -0.010 min

Lab File: VL041181.D

Acq: 29 Apr 2024 12:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

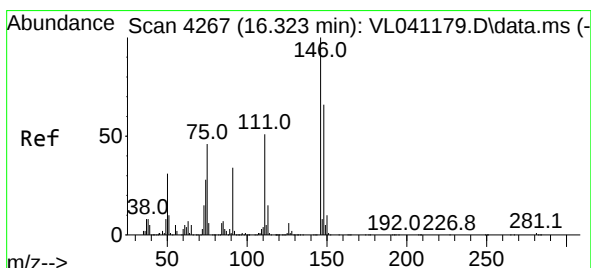
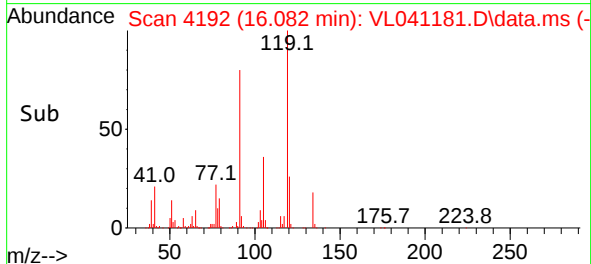
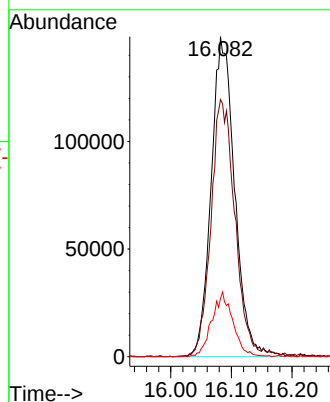
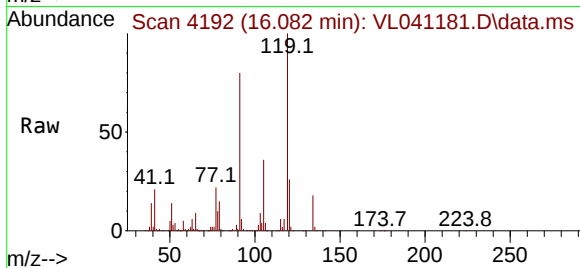
Tgt Ion: 119 Resp: 400134

Ion	Ratio	Lower	Upper
119	100		
91	83.2	67.0	100.4
134	18.2	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#66

Benzyl Chloride

Concen: 0.933 ppbv m

RT: 16.323 min Scan# 4267

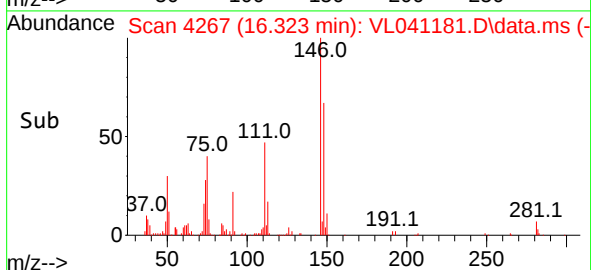
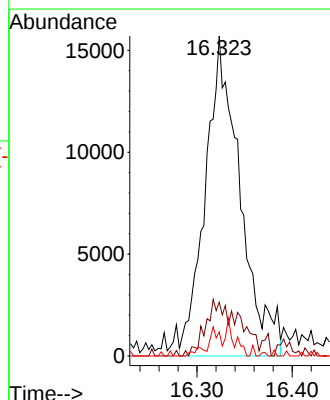
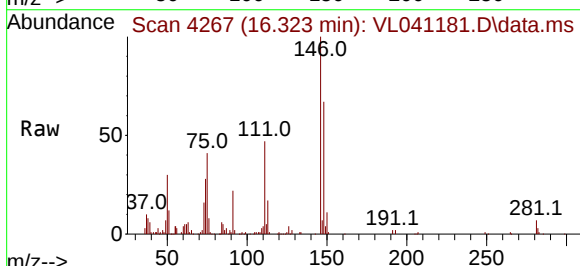
Delta R.T. 0.000 min

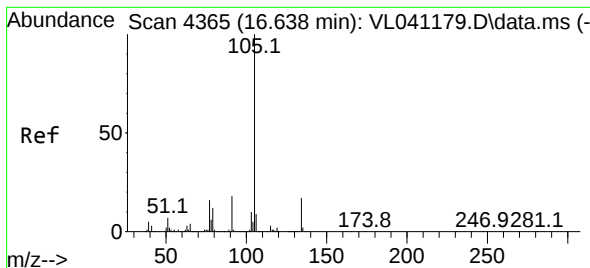
Lab File: VL041181.D

Acq: 29 Apr 2024 12:48

Tgt Ion: 91 Resp: 39854

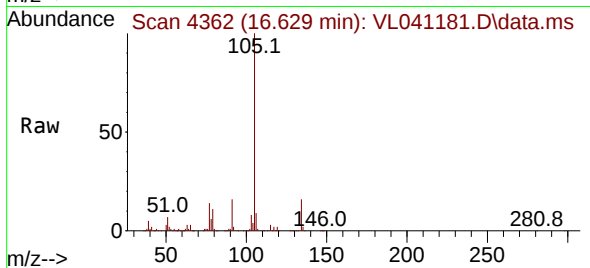
Ion	Ratio	Lower	Upper
91	100		
126	18.3	14.6	21.8
128	6.6	4.7	7.1





#67
 sec-Butylbenzene
 Concen: 1.090 ppbv
 RT: 16.629 min Scan# 4365
 Delta R.T. -0.010 min
 Lab File: VL041181.D
 Acq: 29 Apr 2024 12:48

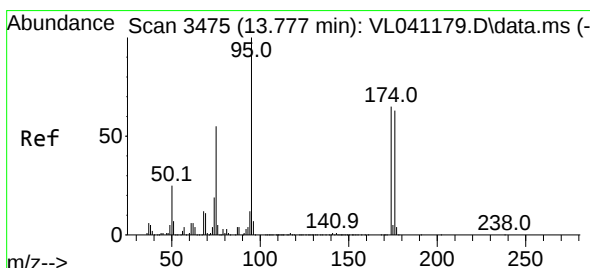
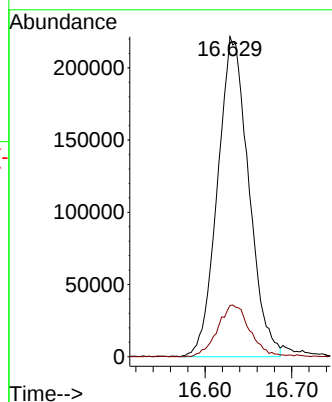
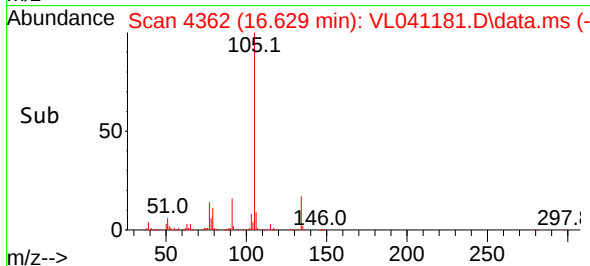
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 105 Resp: 553419
 Ion Ratio Lower Upper
 105 100
 134 17.0 13.8 20.8

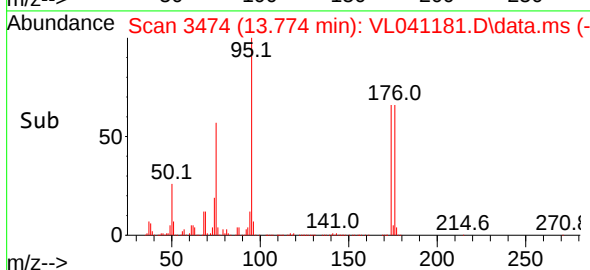
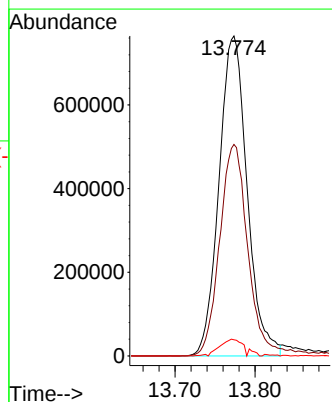
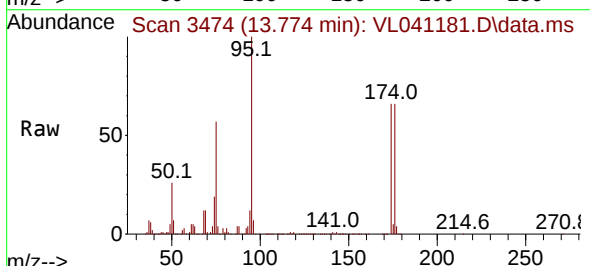
Manual Integrations
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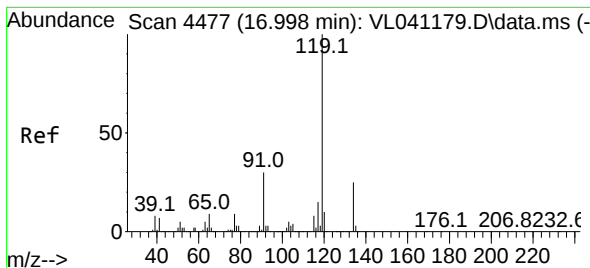
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.931 ppbv
 RT: 13.774 min Scan# 3474
 Delta R.T. -0.003 min
 Lab File: VL041181.D
 Acq: 29 Apr 2024 12:48

Tgt Ion: 95 Resp: 1868013
 Ion Ratio Lower Upper
 95 100
 174 68.5 53.6 80.4
 175 4.7 4.2 6.4





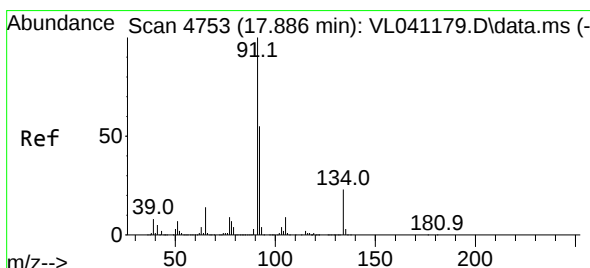
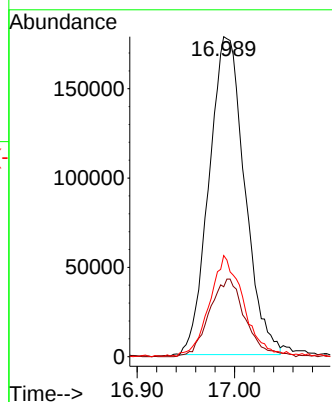
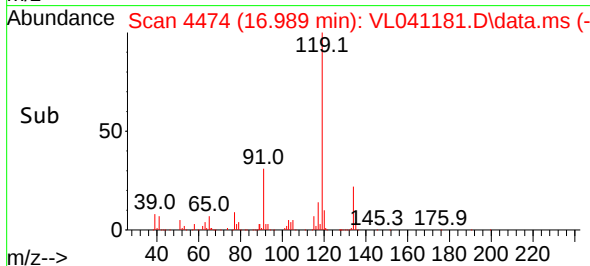
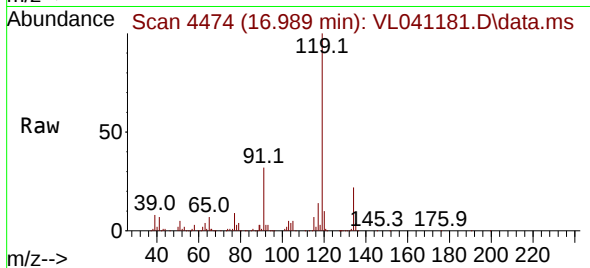
#69
p-Isopropyltoluene
Concen: 1.072 ppbv
RT: 16.989 min Scan# 4477
Delta R.T. -0.010 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 119 Resp: 451215
Ion Ratio Lower Upper
119 100
134 24.9 20.1 30.1
91 31.2 24.2 36.2

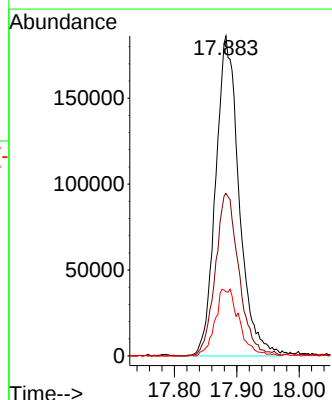
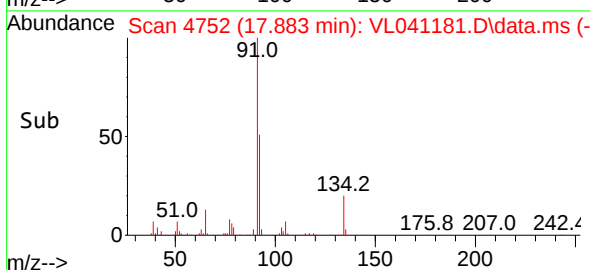
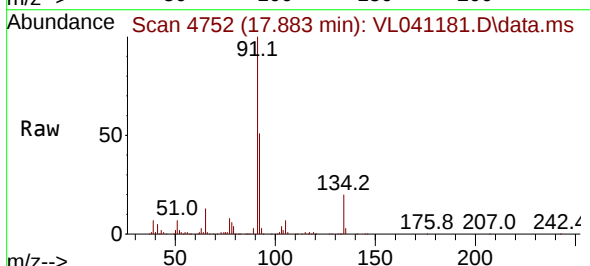
Manual Integrations
APPROVED

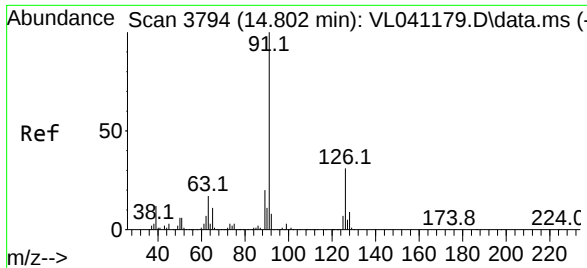
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#70
n-Butylbenzene
Concen: 1.114 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. -0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

Tgt Ion: 91 Resp: 486852
Ion Ratio Lower Upper
91 100
92 51.3 43.3 64.9
134 21.7 17.8 26.8





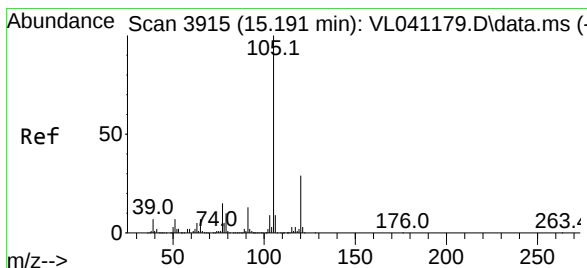
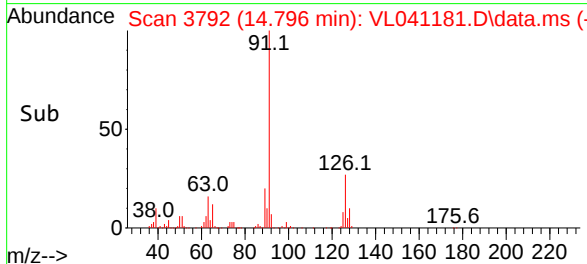
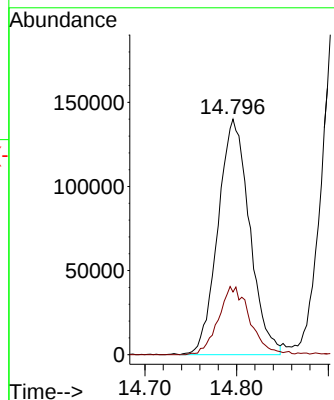
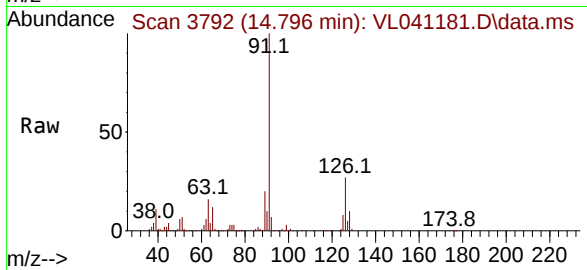
#71
2-Chlorotoluene
Concen: 1.083 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 335894
Ion Ratio Lower Upper
91 100
126 29.4 12.2 48.8

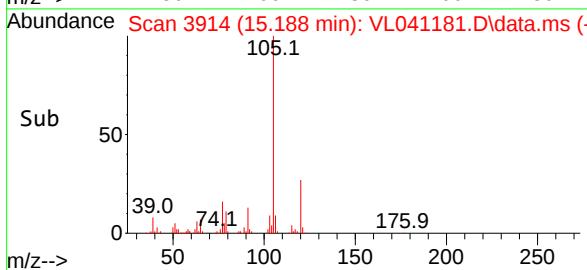
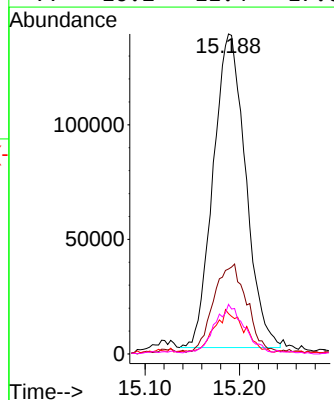
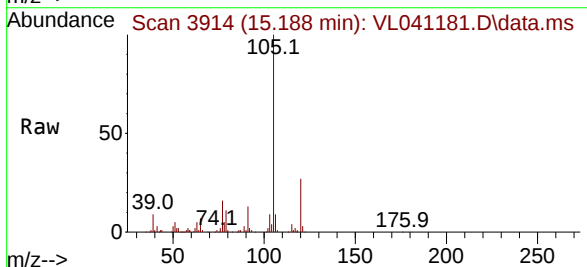
Manual Integrations
APPROVED

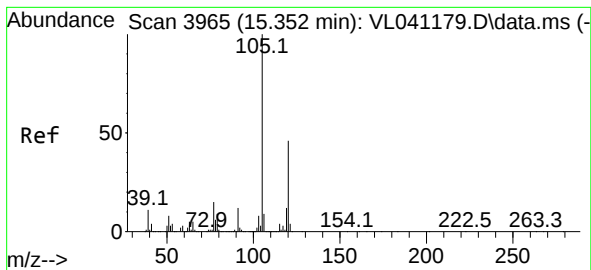
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#72
4-Ethyltoluene
Concen: 1.054 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

Tgt Ion:105 Resp: 324882
Ion Ratio Lower Upper
105 100
120 31.1 24.7 37.1
91 12.4 10.3 15.5
77 16.2 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 1.091 ppbv m

RT: 15.343 min Scan# 3965

Delta R.T. -0.010 min

Lab File: VL041181.D

Acq: 29 Apr 2024 12:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 30498

Ion Ratio Lower Upper

105 100

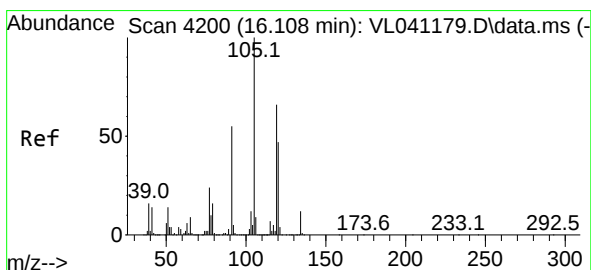
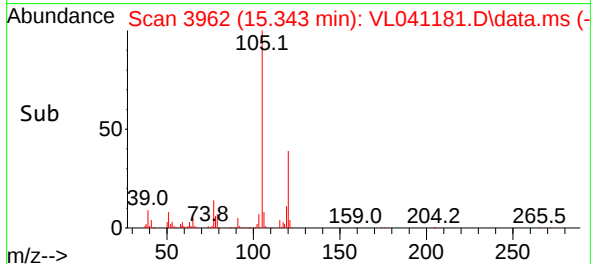
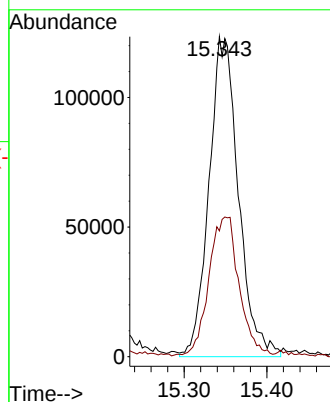
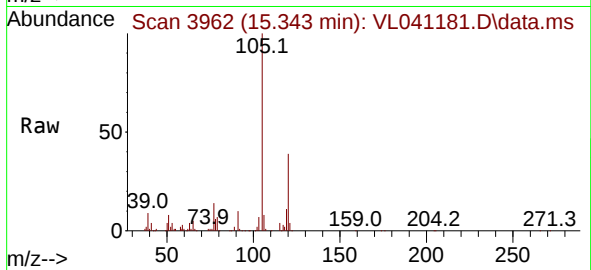
120 39.3 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#74

1,2,4-Trimethylbenzene

Concen: 1.063 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. -0.006 min

Lab File: VL041181.D

Acq: 29 Apr 2024 12:48

Tgt Ion:105 Resp: 323414

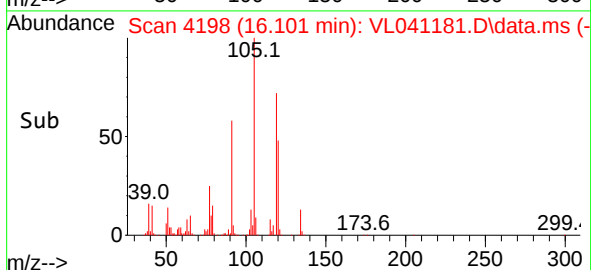
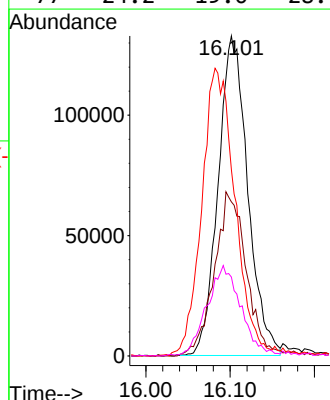
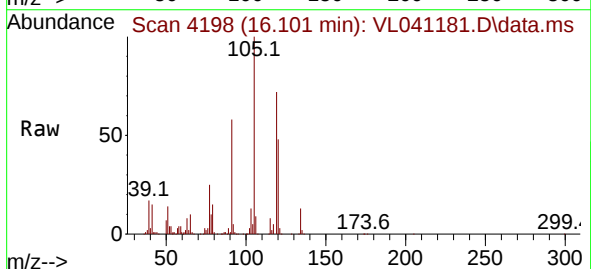
Ion Ratio Lower Upper

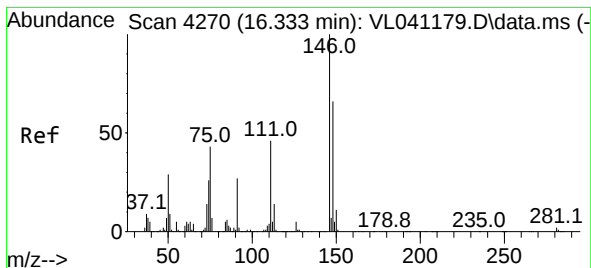
105 100

120 47.7 37.8 56.6

91 56.9 44.3 66.5

77 24.2 19.0 28.4





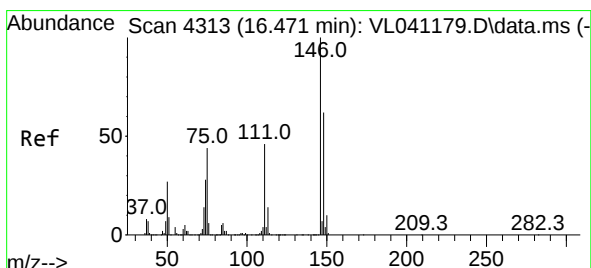
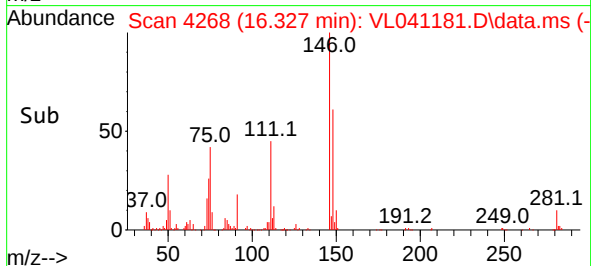
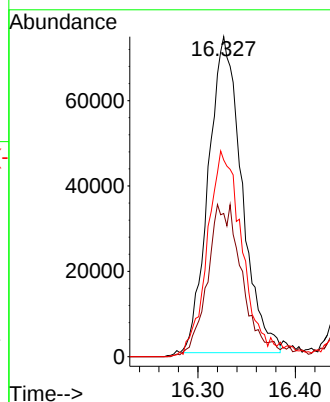
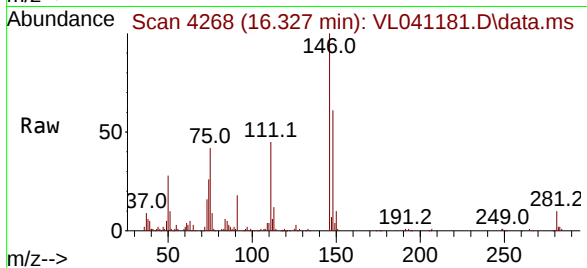
#75
1,3-Dichlorobenzene
Concen: 1.030 ppbv
RT: 16.327 min Scan# 4268
Delta R.T. -0.006 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 176338
Ion Ratio Lower Upper
146 100
111 51.8 23.7 71.1
148 69.8 32.5 97.4

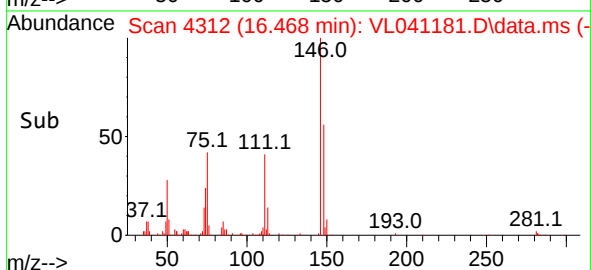
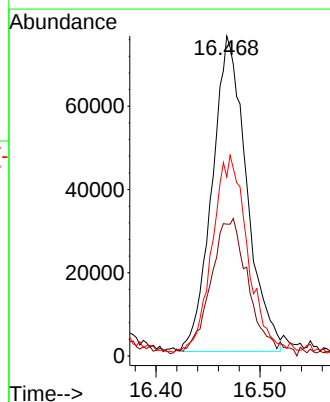
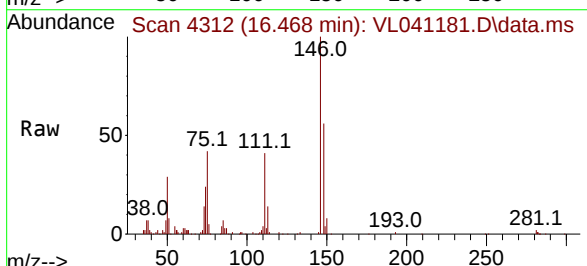
Manual Integrations
APPROVED

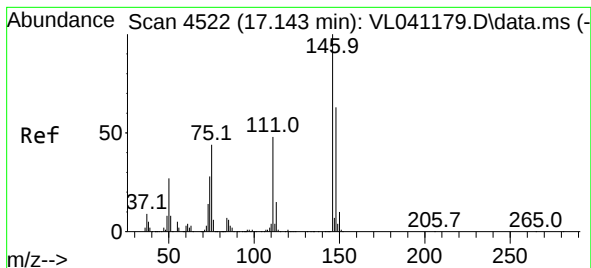
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#76
1,4-Dichlorobenzene
Concen: 1.048 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. -0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

Tgt Ion:146 Resp: 174843
Ion Ratio Lower Upper
146 100
111 48.9 23.3 69.8
148 67.0 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 1.085 ppbv m

RT: 17.143 min Scan# 4522

Delta R.T. 0.000 min

Lab File: VL041181.D

Acq: 29 Apr 2024 12:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:146 Resp: 18778

Ion Ratio Lower Upper

146 100

111 0.0 24.5 73.5

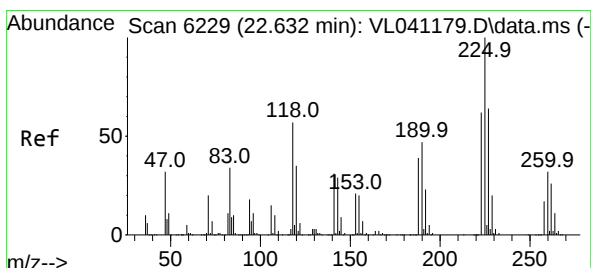
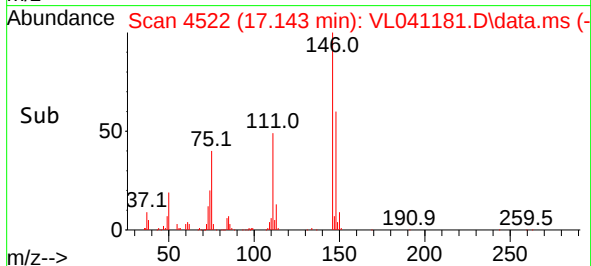
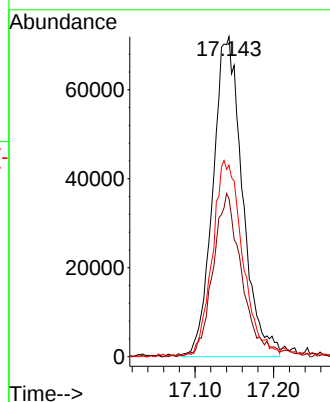
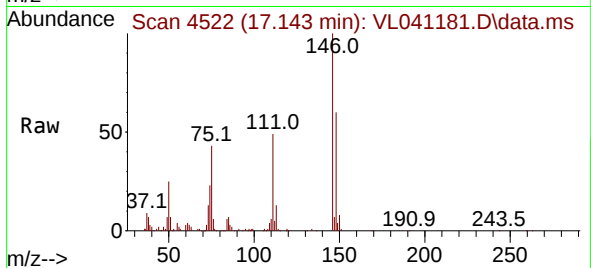
148 64.7 32.6 98.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#78

Hexachloro-1,3-Butadiene

Concen: 1.156 ppbv m

RT: 22.629 min Scan# 6228

Delta R.T. -0.003 min

Lab File: VL041181.D

Acq: 29 Apr 2024 12:48

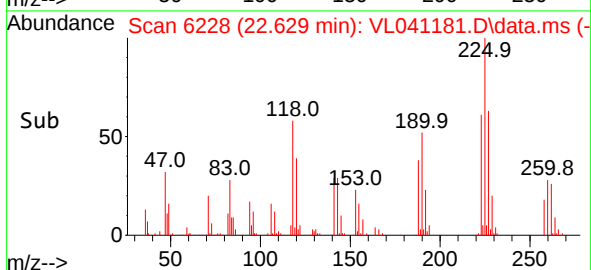
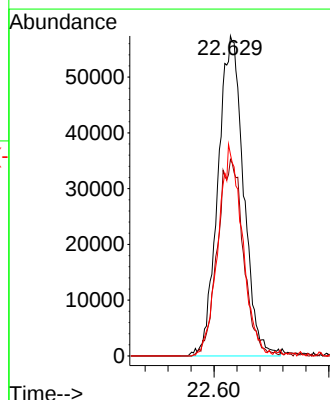
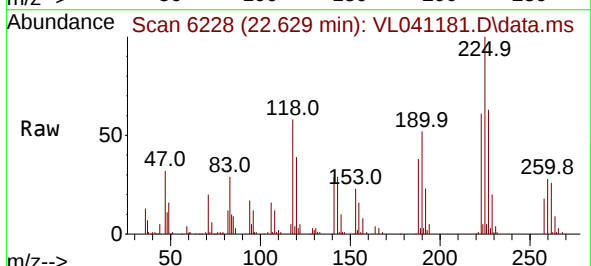
Tgt Ion:225 Resp: 177741

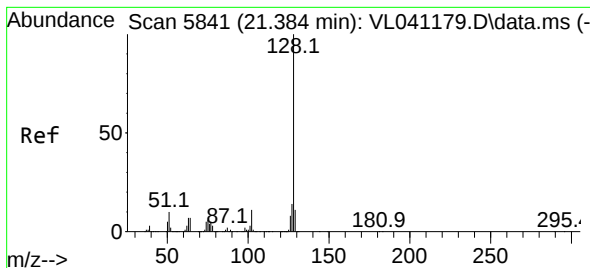
Ion Ratio Lower Upper

225 100

223 62.7 50.9 76.3

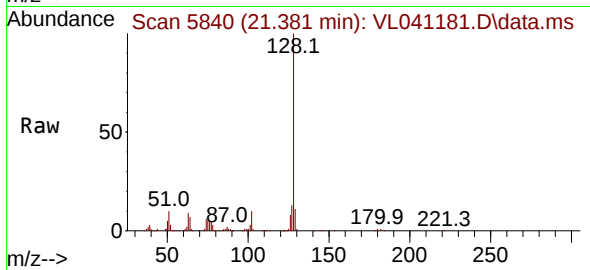
227 62.9 52.0 78.0





#79
Naphthalene
Concen: 1.163 ppbv m
RT: 21.381 min Scan# 5841
Delta R.T. -0.003 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48

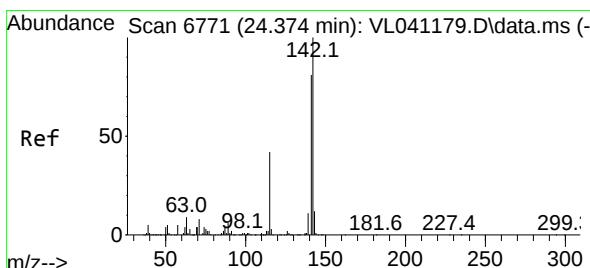
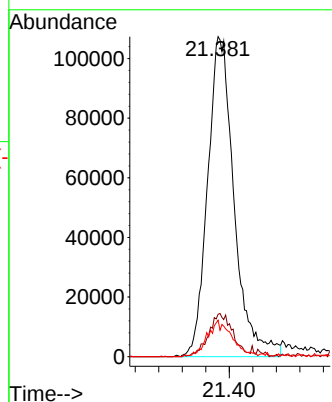
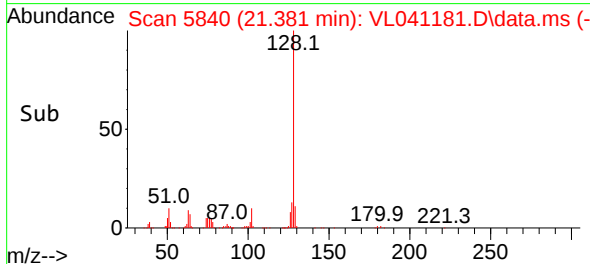
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



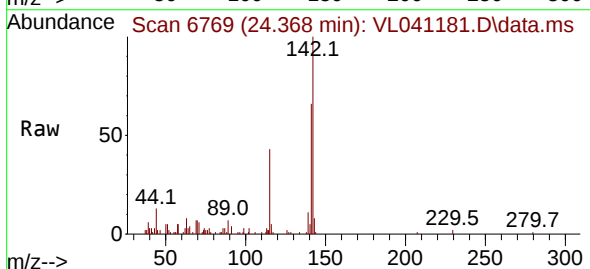
Tgt Ion:128 Resp: 335480
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 11.4 8.9 13.3

Manual Integrations
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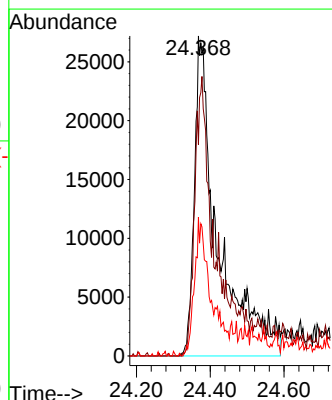
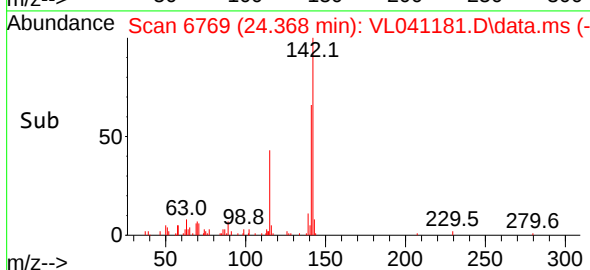
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

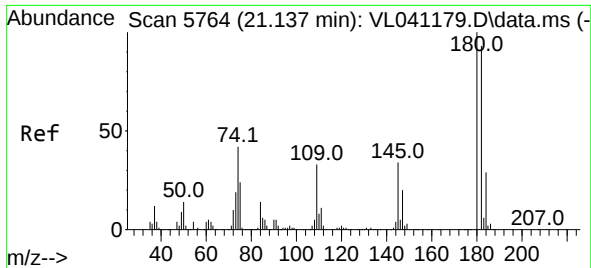


#80
Naphthalene,2-methyl-
Concen: 0.997 ppbv m
RT: 24.368 min Scan# 6769
Delta R.T. -0.006 min
Lab File: VL041181.D
Acq: 29 Apr 2024 12:48



Tgt Ion:142 Resp: 121078
Ion Ratio Lower Upper
142 100
141 79.9 67.9 101.9
115 32.0 31.4 47.0





#81

1,2,4-Trichlorobenzene

Concen: 1.015 ppbv

RT: 21.140 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL041181.D

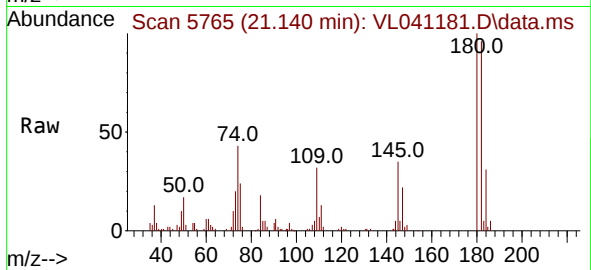
Acq: 29 Apr 2024 12:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001



Tgt Ion:180 Resp: 15644

Ion Ratio Lower Upper

180 100

182 104.8 77.2 115.8

184 32.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024

