

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041361.D
 Acq On : 26 Jun 2024 16:16
 Operator : SY/MD
 Sample : VL0626ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0626ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/27/2024
 Supervised By : Mahesh Dadoda 06/27/2024

Quant Time: Jun 27 09:18:59 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

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

QLast Update : Thu Jun 27 09:18:04 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.224	49	1107509	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.684	114	2943732	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.487	117	2876715m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.796 95 2097138 9.726 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.764	85	1568819	8.302	ppbv	100
3) Chlorodifluoromethane	2.709	51	1621859	8.493	ppbv	100
4) Chloromethane	2.848	50	626827	8.589	ppbv	98
5) Vinyl Chloride	2.957	62	651037	8.255	ppbv	100
6) Bromomethane	3.153	94	220773	8.850	ppbv	97
7) Chloroethane	3.230	64	226369	8.688	ppbv	99
8) Dichlorotetrafluoroethane	2.893	85	1577641	8.588	ppbv	100
9) Propene	2.729	41	551459	8.345	ppbv	98
10) Heptane	7.606	43	1390904	8.961	ppbv	99
11) Trichlorofluoromethane	3.594	101	1623545	8.826	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.098	101	1119659	8.685	ppbv	99
13) Ethanol	3.279	45	123477	8.423	ppbv	94
14) Bromoethene	3.398	108	470619	9.100	ppbv	97
15) Acetone	3.504	43	1212617	8.290	ppbv	99
16) 1,3-Butadiene	3.021	39	652434	9.372	ppbv	98
17) tert-Butyl alcohol	3.915	59	1163248	10.309	ppbv	100
18) 1,1-Dichloroethene	3.912	96	508925	8.979	ppbv	99
19) Isopropyl Alcohol	3.613	45	804068	10.014	ppbv #	98
20) Methylene Chloride	3.967	84	422342	7.958	ppbv	96
21) Allyl Chloride	4.028	41	791543	8.971	ppbv	100
22) trans-1,2-Dichloroethene	4.475	96	500531	8.891	ppbv	97
23) Vinyl Acetate	4.658	43	1478664	10.255	ppbv	99
24) 1,1-Dichloroethane	4.594	63	1082337	8.659	ppbv	100
25) Ethyl Acetate	5.233	43	2370042	8.799	ppbv	99
26) Hexane	5.243	57	1018749	8.542	ppbv	96
27) Carbon Disulfide	4.153	76	1320109	9.097	ppbv	99
28) Methyl tert-Butyl Ether	4.616	73	793700	8.973	ppbv	98
29) Chloroform	5.304	83	1588395	8.632	ppbv	96
30) Cyclohexane	6.632	84	871630	9.174	ppbv	99
31) cis-1,2-Dichloroethene	5.108	61	1038517	9.083	ppbv	98
32) 1,1,1-Trichloroethane	6.031	97	1581962	8.191	ppbv	99
34) 2-Butanone	4.819	43	1437789	9.256	ppbv	99
35) Carbon Tetrachloride	6.523	117	1657538	8.526	ppbv	98
36) Benzene	6.401	78	2181770	8.956	ppbv	98
37) 1,2-Dichloroethane	5.838	62	1241635	8.882	ppbv	99
38) Trichloroethene	7.317	130	829229	7.813	ppbv	98
39) 1,2-Dichloropropane	7.098	63	834874	8.868	ppbv	96
40) 1,4-Dioxane	7.311	88	242395	8.031	ppbv #	1
41) Tetrahydrofuran	5.584	42	894154	9.293	ppbv	99
42) Bromodichloromethane	7.278	83	1782560	9.114	ppbv	99
43) Methyl Methacrylate	7.500	69	881068	9.626	ppbv	99
44) 2,2,4-Trimethylpentane	7.352	57	3607455	8.713	ppbv	99
45) t-1,3-Dichloropropene	8.738	75	598947	10.340	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041361.D
 Acq On : 26 Jun 2024 16:16
 Operator : SY/MD
 Sample : VL0626ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0626ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024

Quant Time: Jun 27 09:18:59 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

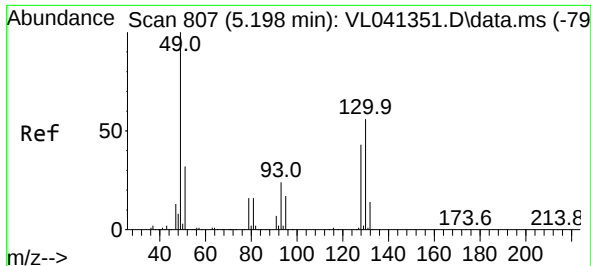
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Thu Jun 27 09:18:04 2024

Response via : Initial Calibration

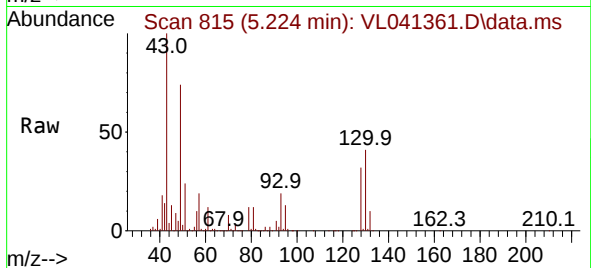
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.169	75	745215	9.567	ppbv	97
47) 1,1,2-Trichloroethane	8.925	97	874105	8.656	ppbv	97
48) Dibromochloromethane	9.735	129	1497020	9.232	ppbv	100
49) Bromoform	12.429	173	1242352	9.620	ppbv	99
50) 4-Methyl-2-Pentanone	8.208	43	2265055	9.080	ppbv	99
51) 2-Hexanone	9.577	43	1641605	9.258	ppbv #	99
52) Tetrachloroethene	10.638	164	777331	7.946	ppbv	99
53) Toluene	9.246	91	2515563	9.155	ppbv	99
54) 1,2-Dibromoethane	10.034	107	1171837	9.377	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.532	131	1092874	8.442	ppbv	95
57) Chlorobenzene	11.552	112	1877579	8.320	ppbv	99
58) Ethyl Benzene	12.111	91	3341639	8.682	ppbv	99
59) m/p-Xylene	12.397	91	5663414m	17.003	ppbv	
60) o-Xylene	13.082	91	2671636	8.499	ppbv	100
61) Styrene	12.921	104	1424481	9.331	ppbv	98
62) Isopropylbenzene	14.053	105	4080474	8.408	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.069	83	1939495	7.831	ppbv	99
64) n-propylbenzene	14.937	120	1074104	8.478	ppbv	99
65) tert-Butylbenzene	16.111	119	3631598	8.404	ppbv	99
66) Benzyl Chloride	16.346	91	254225	8.953	ppbv	99
67) sec-Butylbenzene	16.657	105	5131980	8.397	ppbv	99
69) p-Isopropyltoluene	17.014	119	4298008	8.515	ppbv	99
70) n-Butylbenzene	17.908	91	4461391	8.647	ppbv	100
71) 2-Chlorotoluene	14.825	91	3100835	8.601	ppbv	99
72) 4-Ethyltoluene	15.217	105	3331485	8.898	ppbv	100
73) 1,3,5-Trimethylbenzene	15.371	105	2849185	8.890	ppbv	99
74) 1,2,4-Trimethylbenzene	16.127	105	3131072	8.670	ppbv #	91
75) 1,3-Dichlorobenzene	16.352	146	1885037	8.799	ppbv	99
76) 1,4-Dichlorobenzene	16.497	146	1887823	8.845	ppbv	99
77) 1,2-Dichlorobenzene	17.165	146	1823223	8.348	ppbv	99
78) Hexachloro-1,3-Butadiene	22.657	225	1266572	7.973	ppbv	100
79) Naphthalene	21.419	128	2322858	11.960	ppbv	97
80) Naphthalene,2-methyl-	24.400	142	3737m	7.311	ppbv	
81) 1,2,4-Trichlorobenzene	21.168	180	1241797	10.345	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.023 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

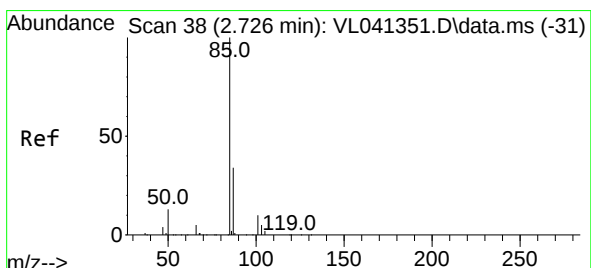
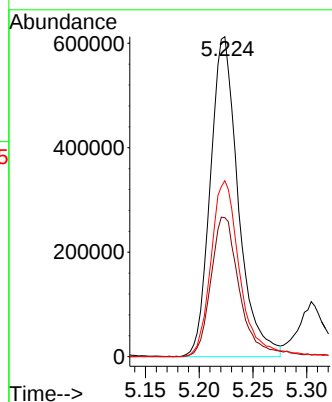
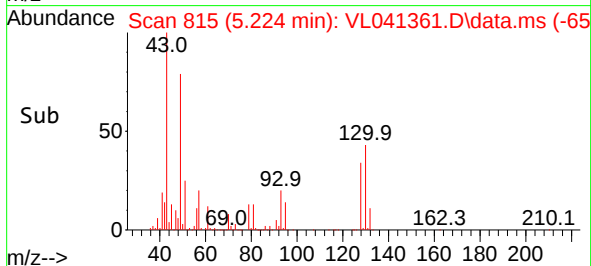
Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01



Tgt Ion: 49 Resp: 1107509
Ion Ratio Lower Upper
49 100
128 46.2 22.8 68.3
130 58.0 28.9 86.7

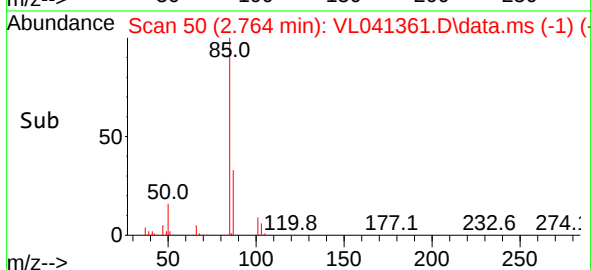
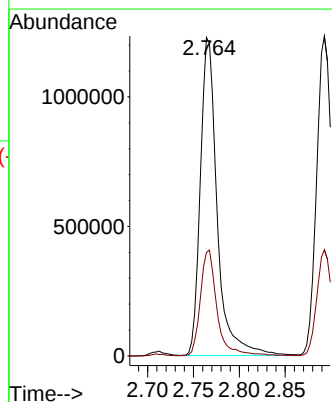
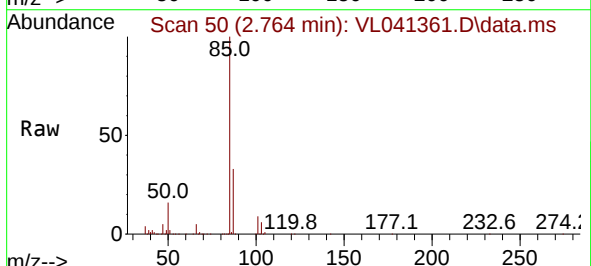
Manual Integrations
APPROVED

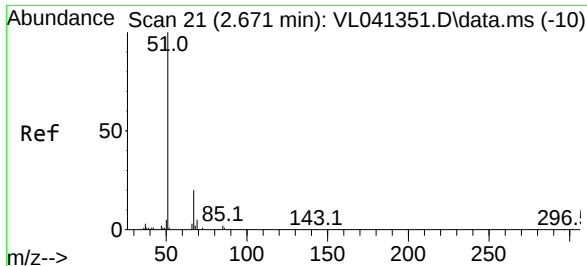
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#2
Dichlorodifluoromethane
Concen: 8.302 ppbv
RT: 2.764 min Scan# 50
Delta R.T. 0.035 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Tgt Ion: 85 Resp: 1568819
Ion Ratio Lower Upper
85 100
87 32.5 25.9 38.9





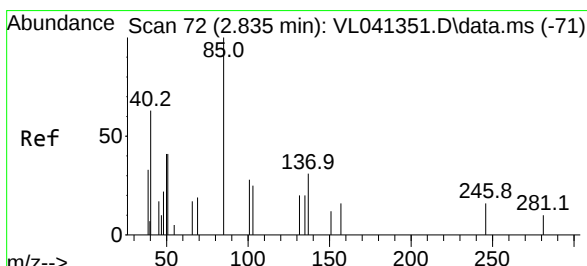
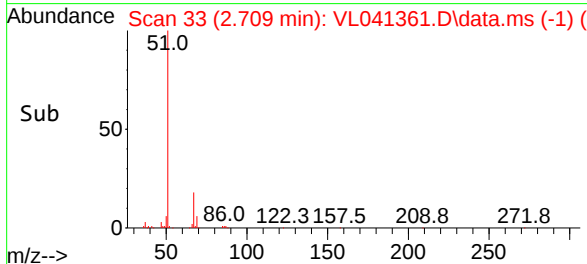
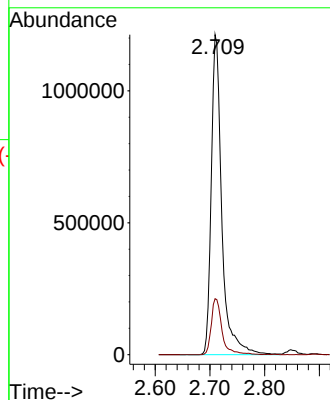
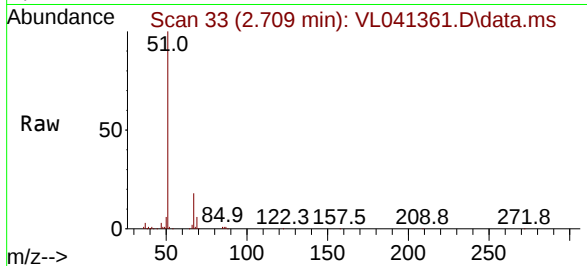
#3
Chlorodifluoromethane
Concen: 8.493 ppbv
RT: 2.709 min Scan# 31
Delta R.T. 0.035 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01

Tgt Ion: 51 Resp: 162185
Ion Ratio Lower Upper
51 100
67 18.0 14.3 21.5

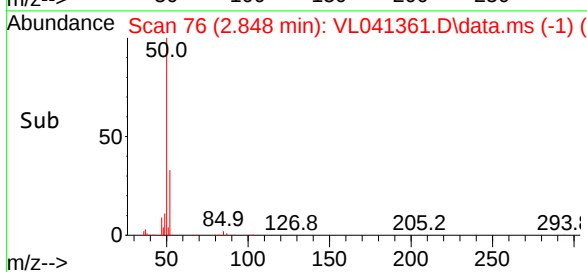
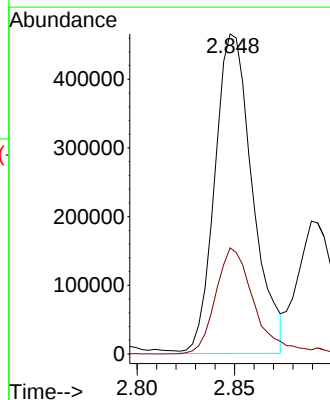
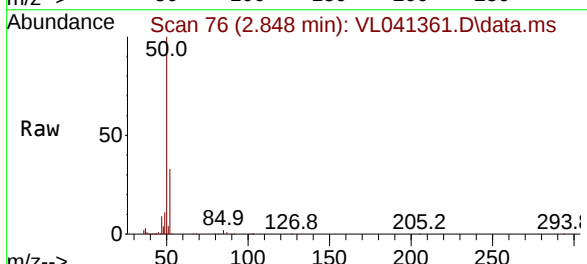
Manual Integrations
APPROVED

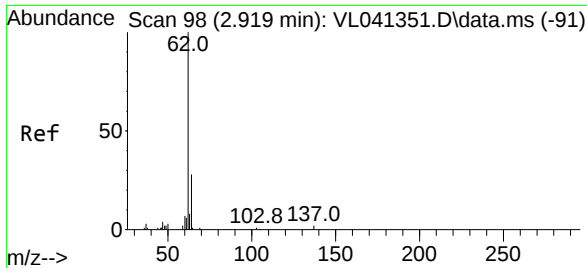
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#4
Chloromethane
Concen: 8.589 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.032 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Tgt Ion: 50 Resp: 626827
Ion Ratio Lower Upper
50 100
52 33.3 25.6 38.4





#5
 Vinyl Chloride
 Concen: 8.255 ppbv
 RT: 2.957 min Scan# 110
 Delta R.T. 0.035 min
 Lab File: VL041361.D
 Acq: 26 Jun 2024 16:16

Instrument :

MSVOA_L

ClientSampleId :

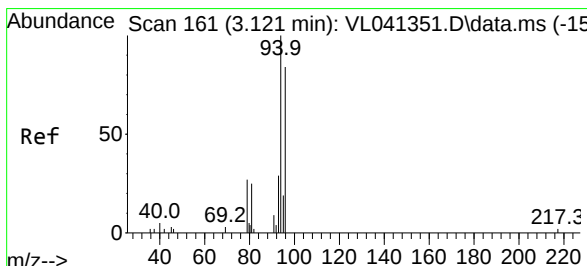
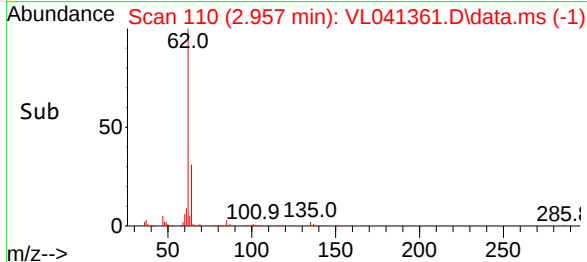
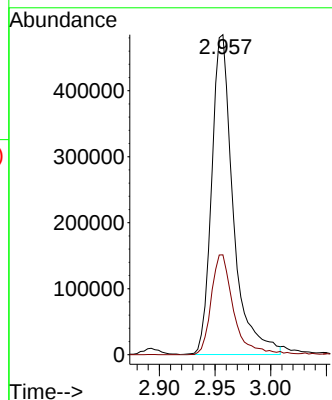
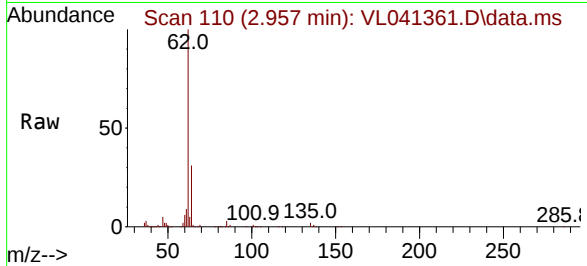
VL0626ABS01

Tgt Ion: 62 Resp: 65103
 Ion Ratio Lower Upper
 62 100
 64 31.2 25.0 37.6

Manual Integrations

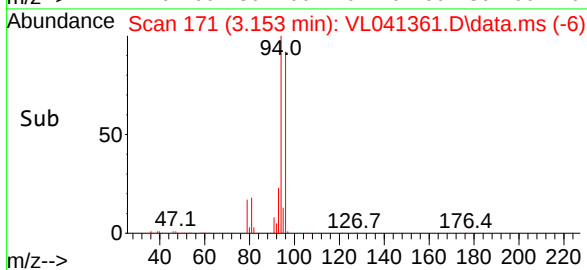
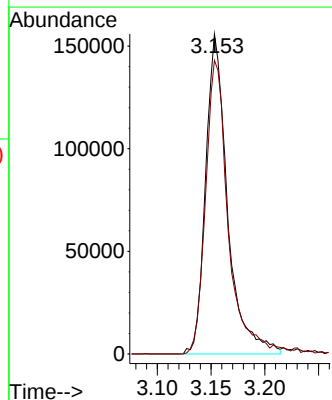
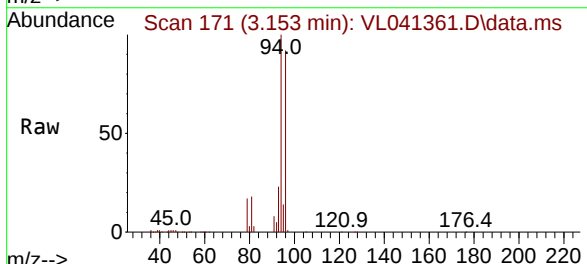
APPROVED

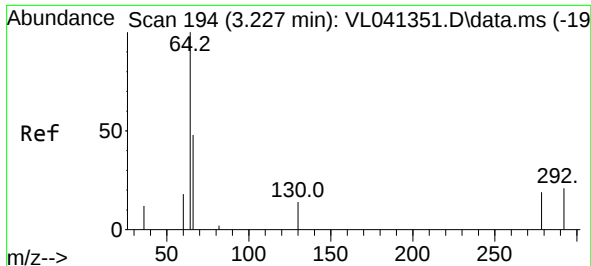
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#6
 Bromomethane
 Concen: 8.850 ppbv
 RT: 3.153 min Scan# 171
 Delta R.T. 0.032 min
 Lab File: VL041361.D
 Acq: 26 Jun 2024 16:16

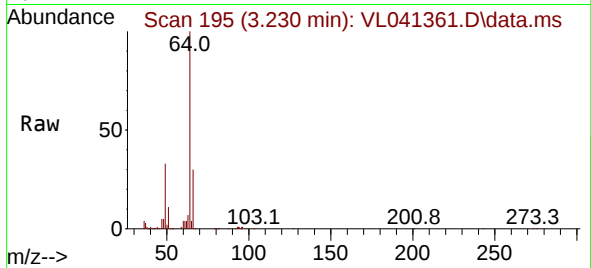
Tgt Ion: 94 Resp: 220773
 Ion Ratio Lower Upper
 94 100
 96 91.7 71.0 106.4





#7
Chloroethane
Concen: 8.688 ppbv
RT: 3.230 min Scan# 19
Delta R.T. 0.029 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

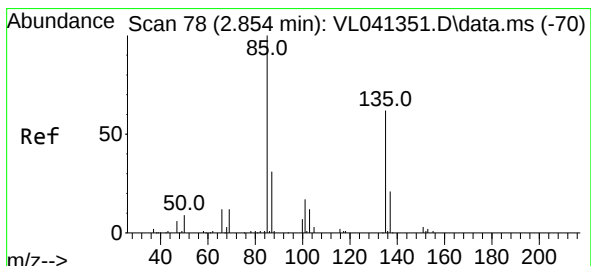
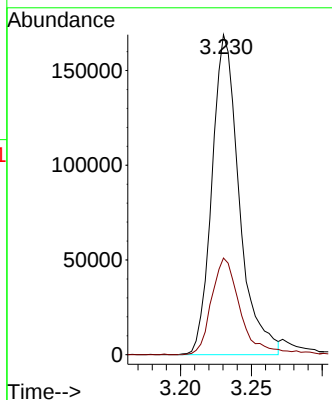
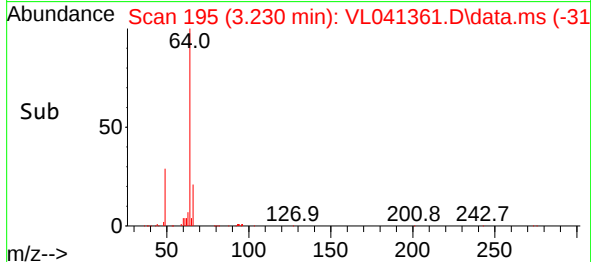
Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01



Tgt Ion: 64 Resp: 226369
Ion Ratio Lower Upper
64 100
66 30.2 24.6 36.8

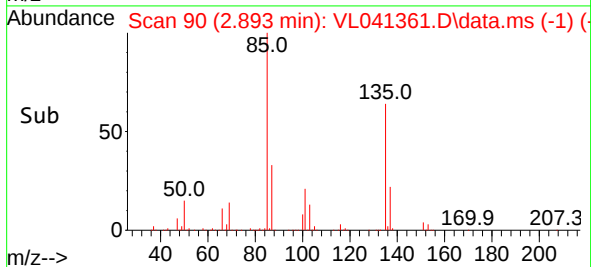
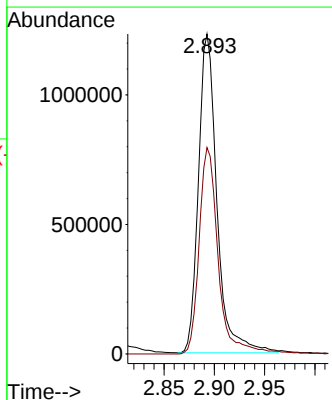
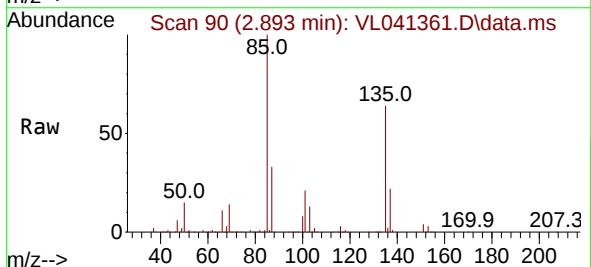
Manual Integrations
APPROVED

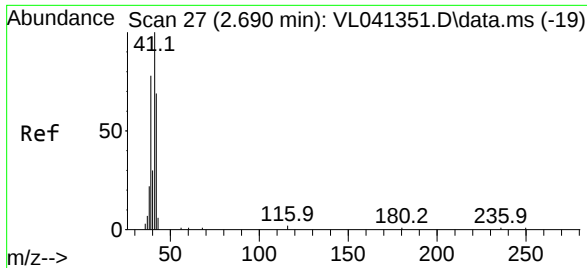
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#8
Dichlorotetrafluoroethane
Concen: 8.588 ppbv
RT: 2.893 min Scan# 90
Delta R.T. 0.035 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

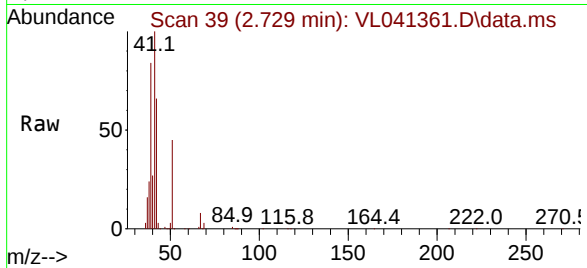
Tgt Ion: 85 Resp: 1577641
Ion Ratio Lower Upper
85 100
135 67.2 53.7 80.5





#9
Propene
Concen: 8.345 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.035 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

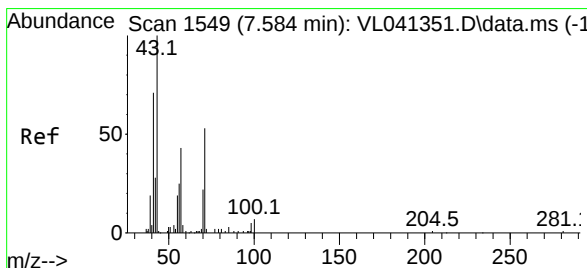
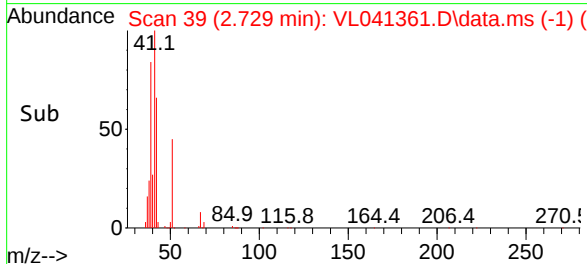
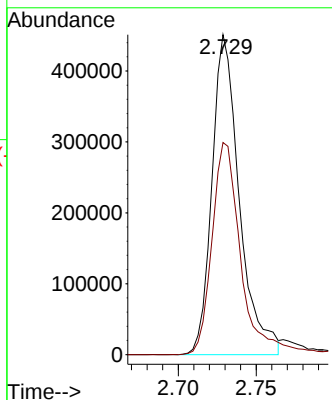
Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01



Tgt Ion: 41 Resp: 551459
Ion Ratio Lower Upper
41 100
42 71.3 55.8 83.8

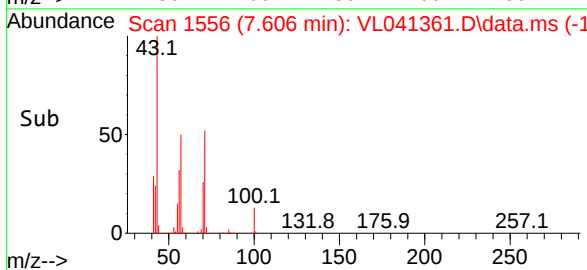
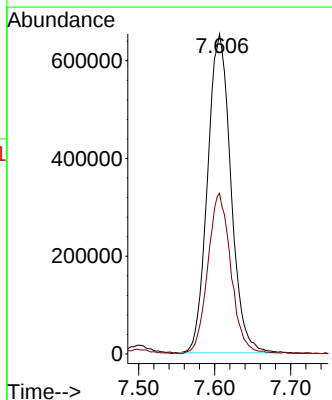
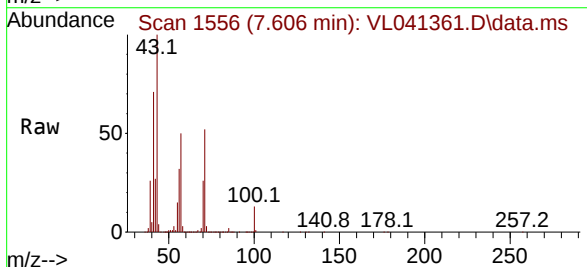
Manual Integrations
APPROVED

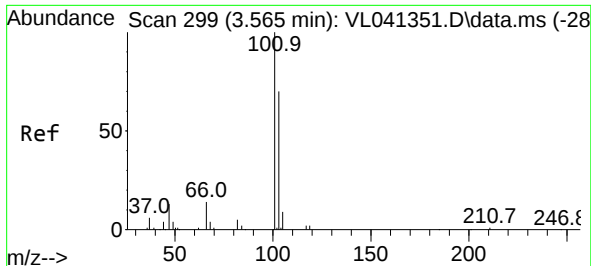
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#10
Heptane
Concen: 8.961 ppbv
RT: 7.606 min Scan# 1556
Delta R.T. 0.013 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

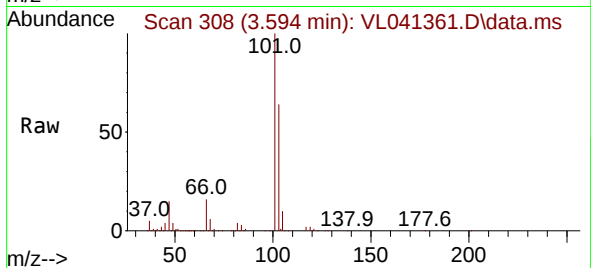
Tgt Ion: 43 Resp: 1390904
Ion Ratio Lower Upper
43 100
57 49.7 40.3 60.5





#11
Trichlorofluoromethane
Concen: 8.826 ppbv
RT: 3.594 min Scan# 308
Delta R.T. 0.026 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

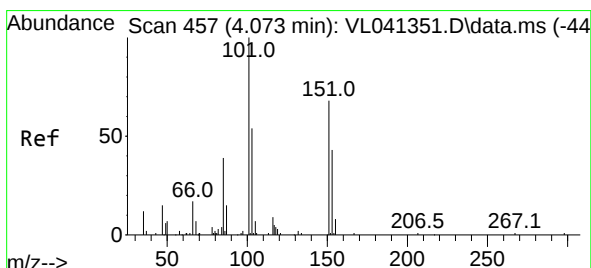
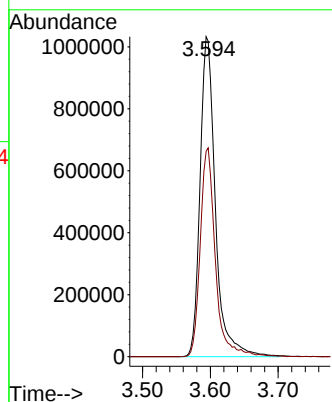
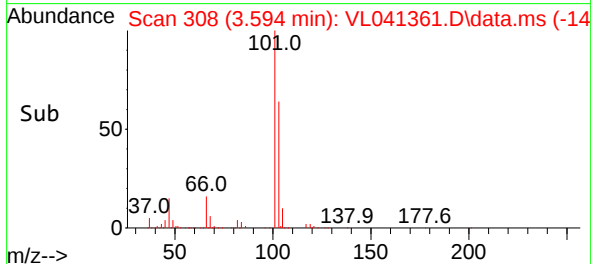
Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01



Tgt Ion:101 Resp: 162354
Ion Ratio Lower Upper
101 100
103 64.2 50.5 75.7

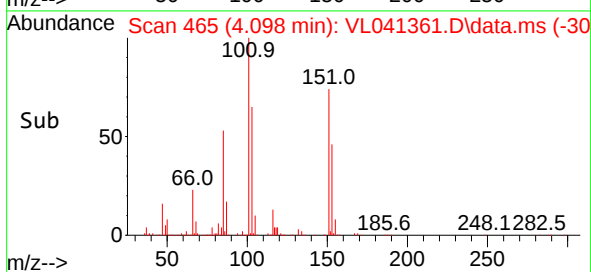
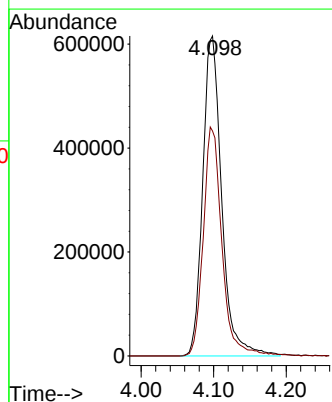
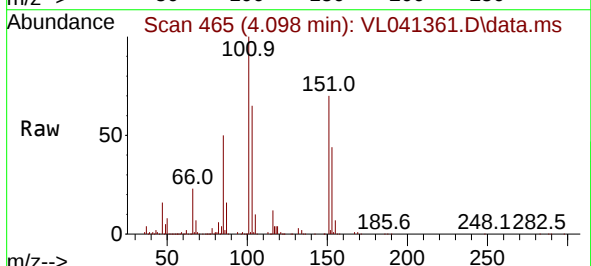
Manual Integrations
APPROVED

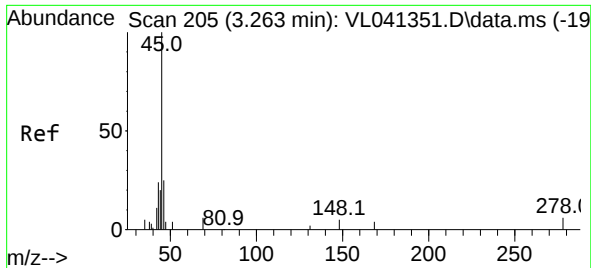
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.685 ppbv
RT: 4.098 min Scan# 465
Delta R.T. 0.029 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

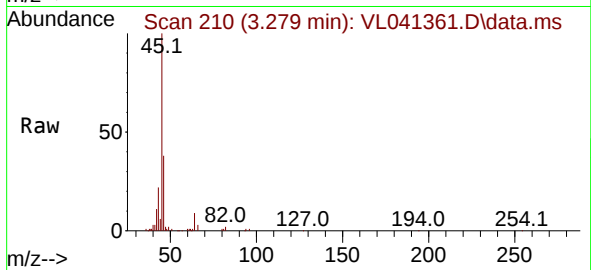
Tgt Ion:101 Resp: 1119659
Ion Ratio Lower Upper
101 100
151 70.5 57.0 85.6





#13
Ethanol
Concen: 8.423 ppbv
RT: 3.279 min Scan# 210
Delta R.T. 0.029 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

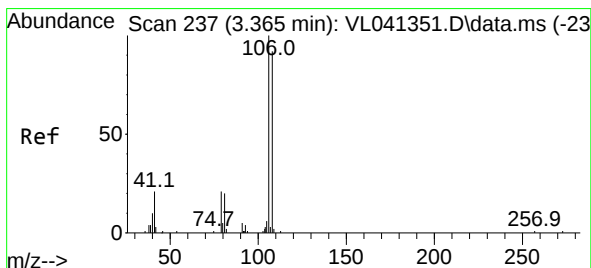
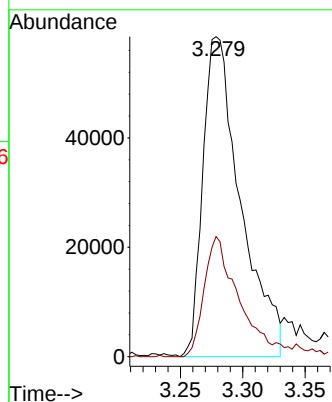
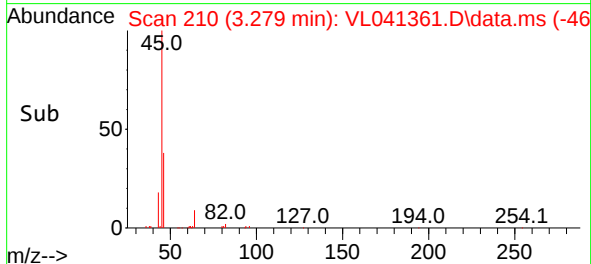
Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01



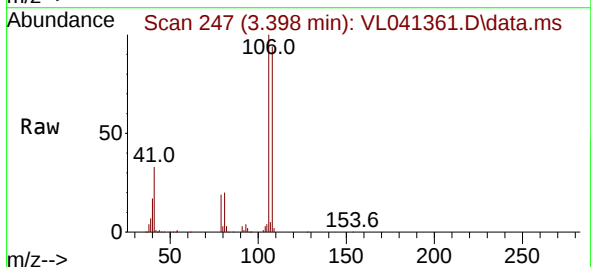
Tgt Ion: 45 Resp: 12347
Ion Ratio Lower Upper
45 100
46 37.0 13.3 53.3

Manual Integrations
APPROVED

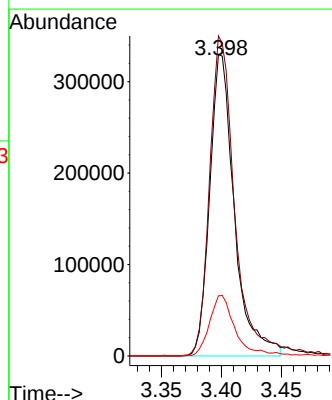
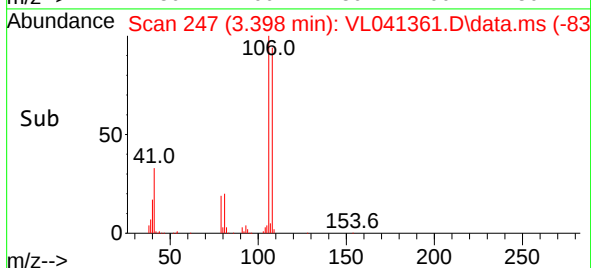
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

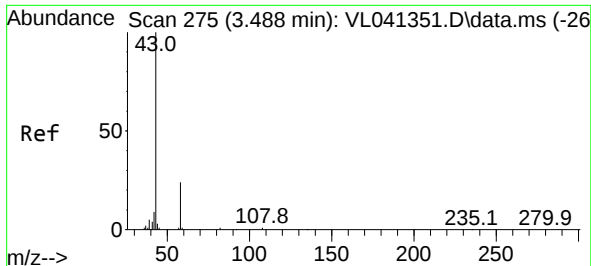


#14
Bromoethene
Concen: 9.100 ppbv
RT: 3.398 min Scan# 247
Delta R.T. 0.029 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16



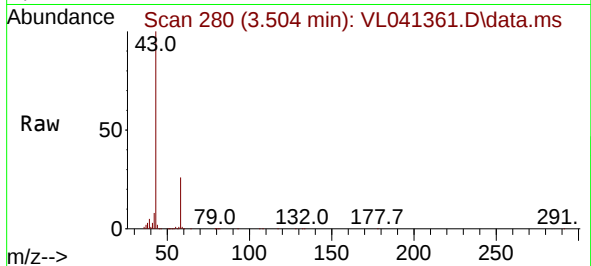
Tgt Ion:108 Resp: 470619
Ion Ratio Lower Upper
108 100
106 110.5 85.5 128.3
79 21.6 16.3 24.5





#15
Acetone
Concen: 8.290 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.032 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

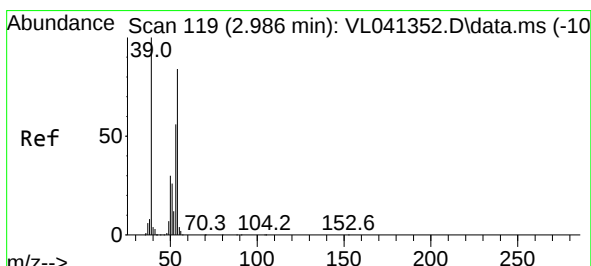
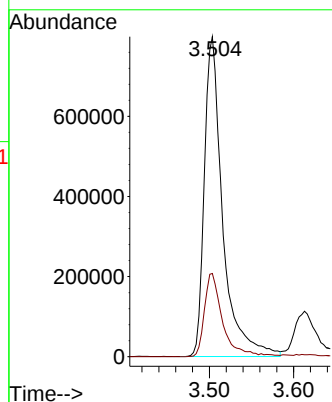
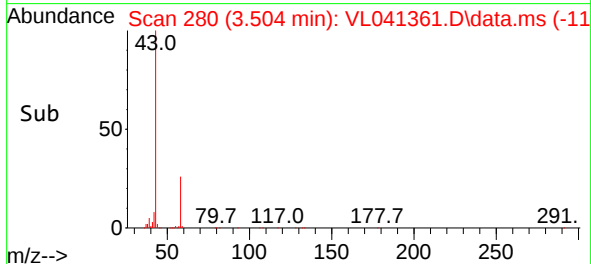
Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01



Tgt Ion: 43 Resp: 121261
Ion Ratio Lower Upper
43 100
58 25.9 20.3 30.5

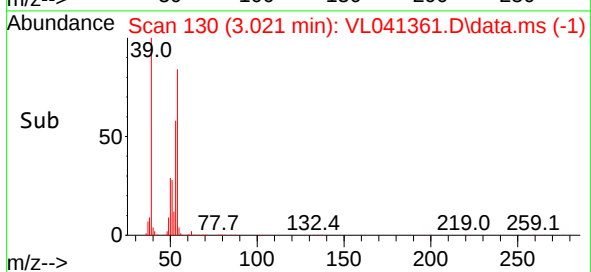
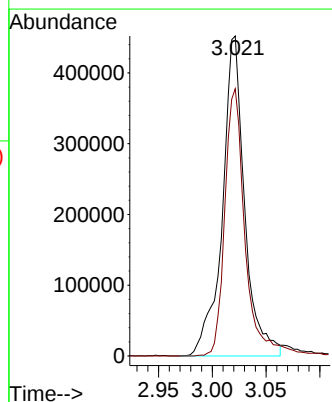
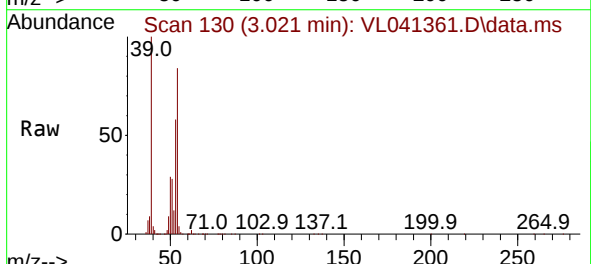
Manual Integrations
APPROVED

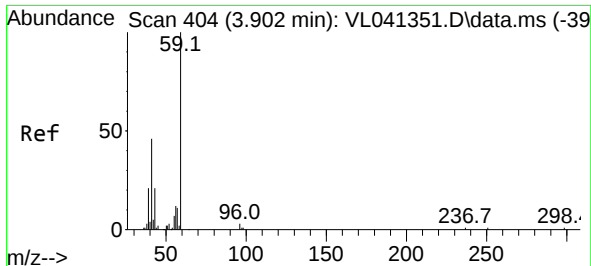
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#16
1,3-Butadiene
Concen: 9.372 ppbv
RT: 3.021 min Scan# 130
Delta R.T. 0.035 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Tgt Ion: 39 Resp: 652434
Ion Ratio Lower Upper
39 100
54 77.2 60.5 90.7





#17

tert-Butyl alcohol

Concen: 10.309 ppbv

RT: 3.915 min Scan# 408

Delta R.T. 0.029 min

Lab File: VL041361.D

Acq: 26 Jun 2024 16:16

Instrument :

MSVOA_L

ClientSampleId :

VL0626ABS01

Tgt Ion: 59 Resp: 116324

Ion Ratio Lower Upper

59 100

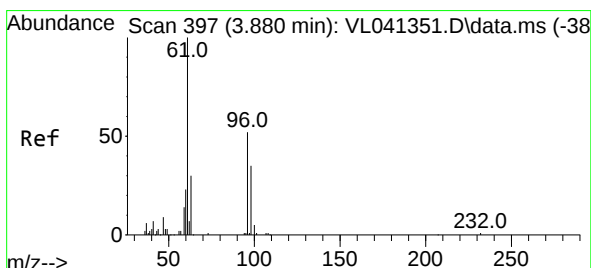
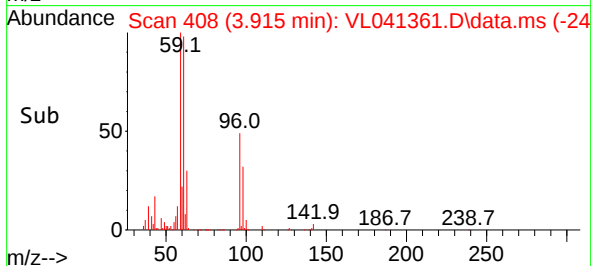
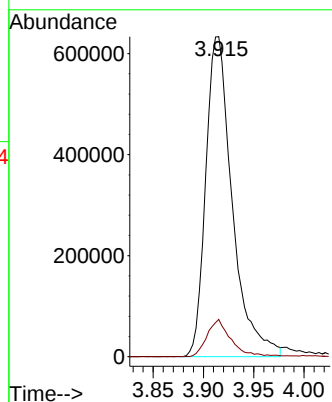
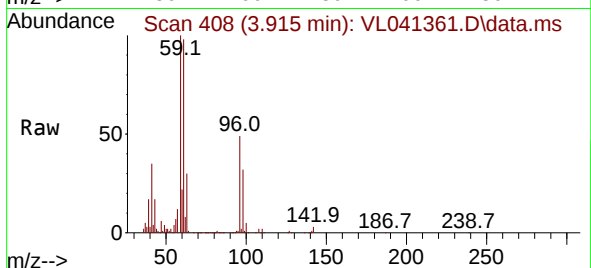
57 10.6 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#18

1,1-Dichloroethene

Concen: 8.979 ppbv

RT: 3.912 min Scan# 407

Delta R.T. 0.026 min

Lab File: VL041361.D

Acq: 26 Jun 2024 16:16

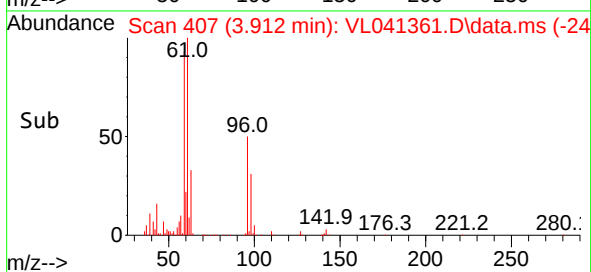
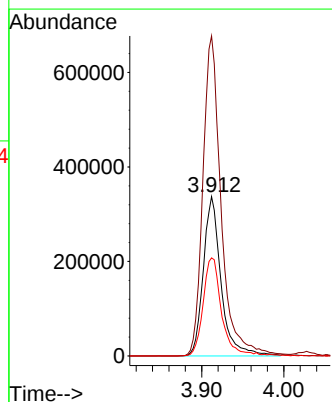
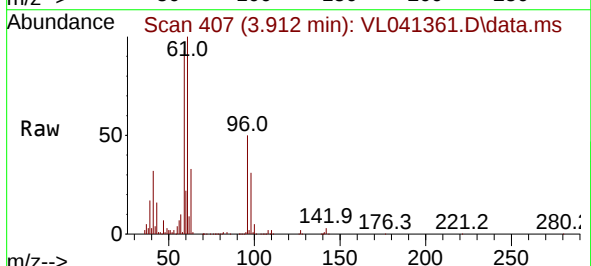
Tgt Ion: 96 Resp: 508925

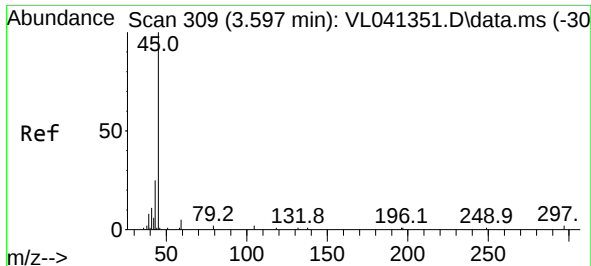
Ion Ratio Lower Upper

96 100

61 200.7 160.3 240.5

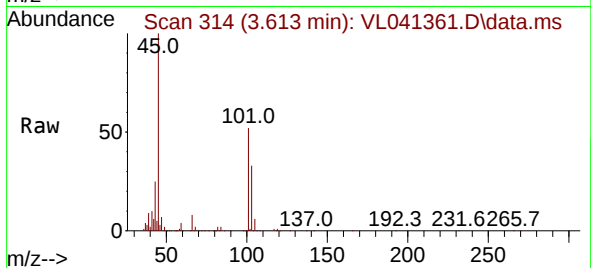
98 61.6 51.6 77.4





#19
Isopropyl Alcohol
Concen: 10.014 ppbv
RT: 3.613 min Scan# 314
Delta R.T. 0.029 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

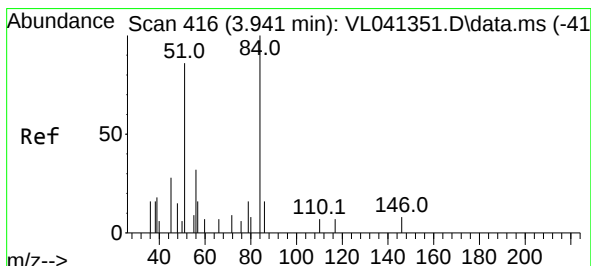
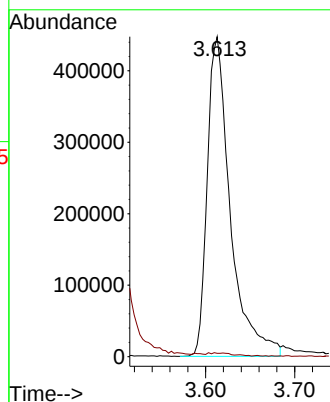
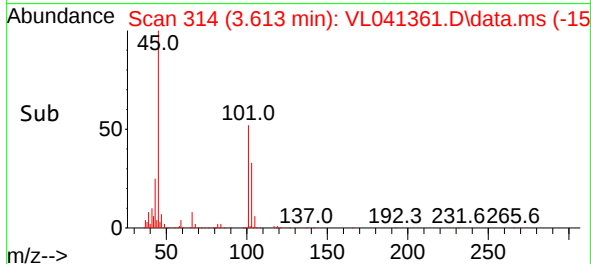
Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01



Tgt Ion: 45 Resp: 804068
Ion Ratio Lower Upper
45 100
58 1.5 1.6 2.4

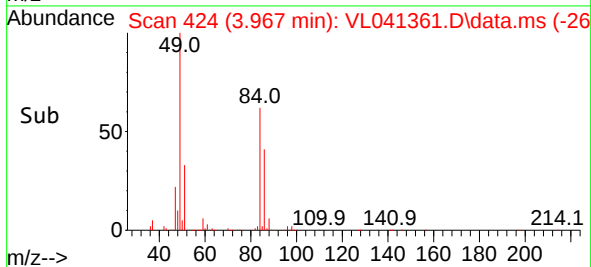
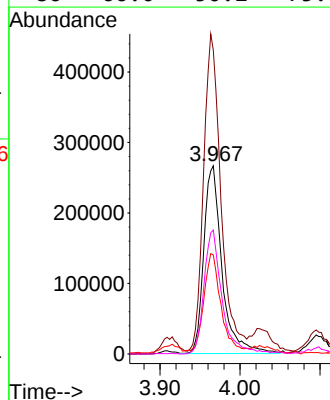
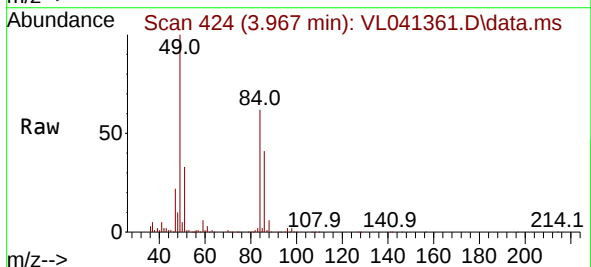
Manual Integrations
APPROVED

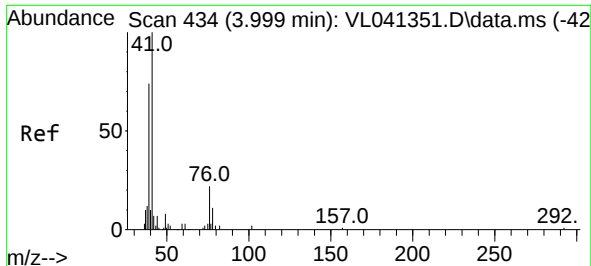
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#20
Methylene Chloride
Concen: 7.958 ppbv
RT: 3.967 min Scan# 424
Delta R.T. 0.029 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Tgt Ion: 84 Resp: 422342
Ion Ratio Lower Upper
84 100
49 159.0 131.8 197.6
51 51.6 39.6 59.4
86 66.0 50.2 75.4





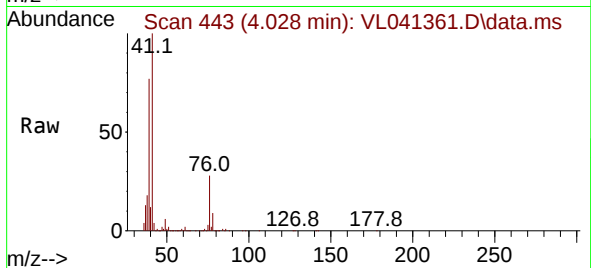
#21
 Allyl Chloride
 Concen: 8.971 ppbv
 RT: 4.028 min Scan# 443
 Delta R.T. 0.026 min
 Lab File: VL041361.D
 Acq: 26 Jun 2024 16:16

Instrument :

MSVOA_L

ClientSampleId :

VL0626ABS01

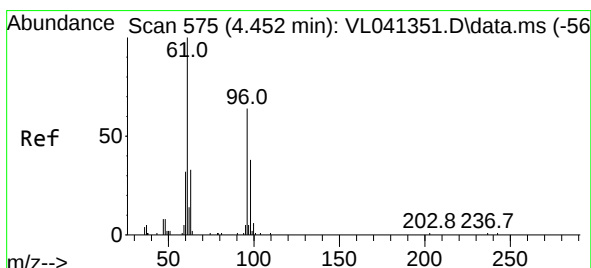
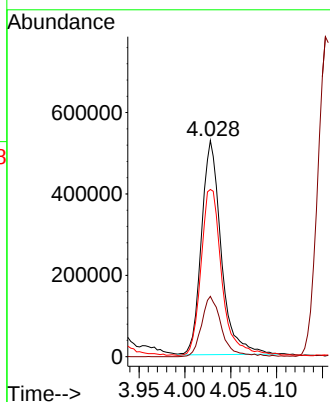
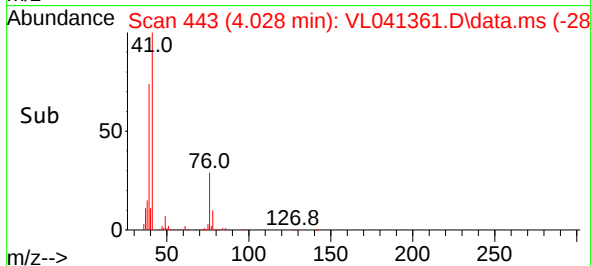


Tgt Ion: 41 Resp: 79154
 Ion Ratio Lower Upper
 41 100
 76 28.8 23.3 34.9
 39 82.7 66.0 99.0

Manual Integrations

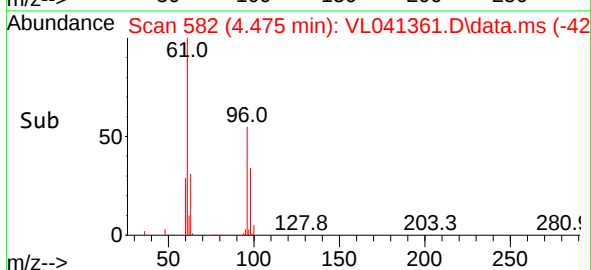
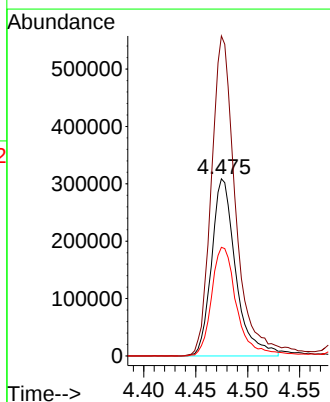
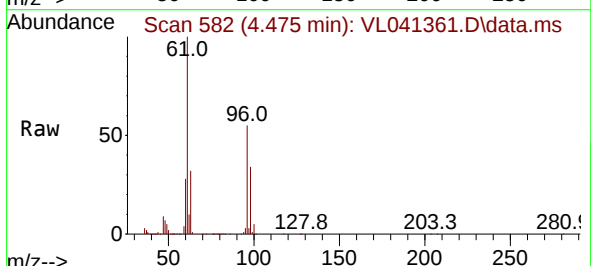
APPROVED

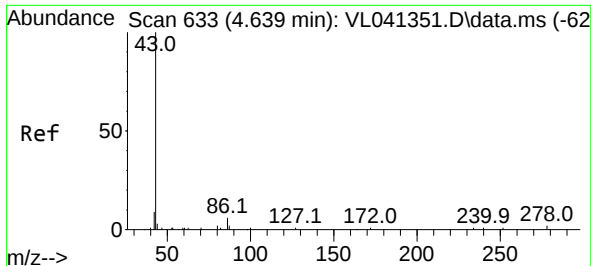
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#22
 trans-1,2-Dichloroethene
 Concen: 8.891 ppbv
 RT: 4.475 min Scan# 582
 Delta R.T. 0.022 min
 Lab File: VL041361.D
 Acq: 26 Jun 2024 16:16

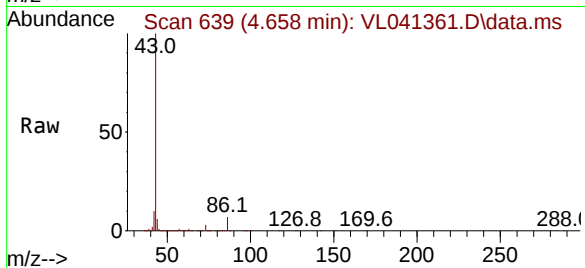
Tgt Ion: 96 Resp: 500531
 Ion Ratio Lower Upper
 96 100
 61 180.6 142.0 213.0
 98 61.3 52.2 78.2





#23
 Vinyl Acetate
 Concen: 10.255 ppbv
 RT: 4.658 min Scan# 619
 Delta R.T. 0.022 min
 Lab File: VL041361.D
 Acq: 26 Jun 2024 16:16

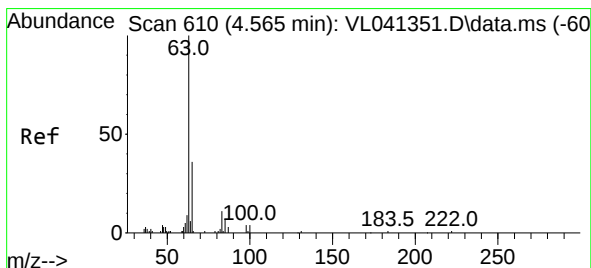
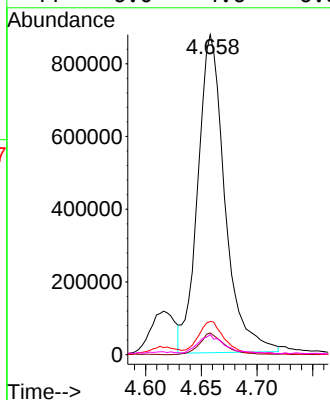
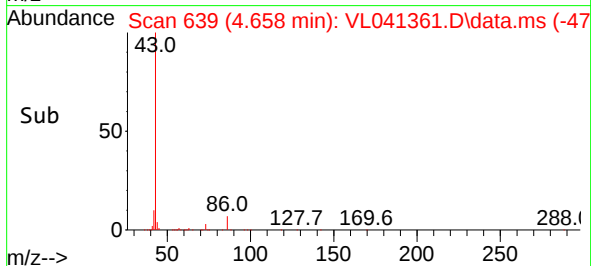
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0626ABS01



Tgt Ion: 43 Resp: 1478664
 Ion Ratio Lower Upper
 43 100
 86 6.9 5.0 7.4
 42 10.3 7.9 11.9
 44 6.0 4.6 6.8

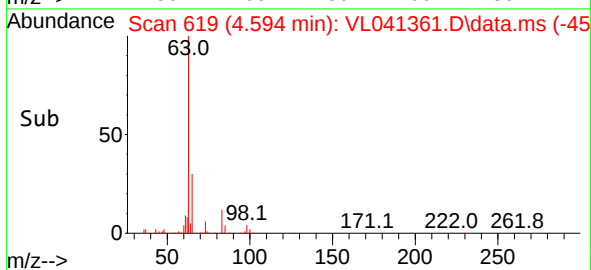
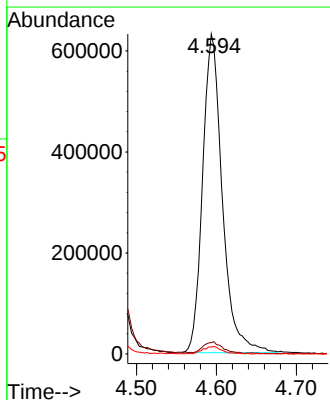
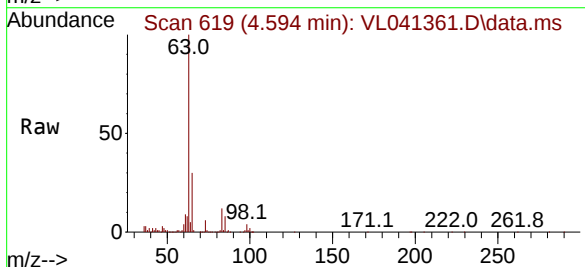
Manual Integrations
 APPROVED

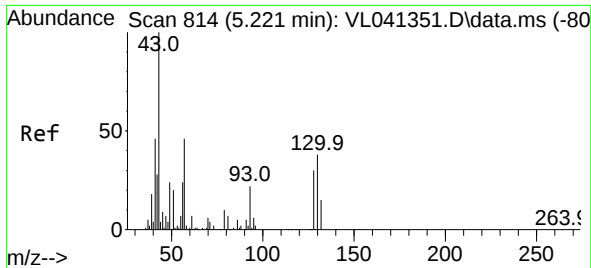
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#24
 1,1-Dichloroethane
 Concen: 8.659 ppbv
 RT: 4.594 min Scan# 619
 Delta R.T. 0.022 min
 Lab File: VL041361.D
 Acq: 26 Jun 2024 16:16

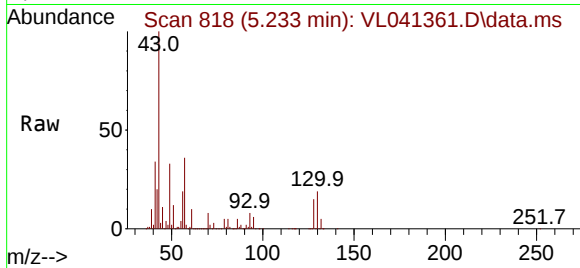
Tgt Ion: 63 Resp: 1082337
 Ion Ratio Lower Upper
 63 100
 98 3.5 1.8 5.4
 100 2.1 1.1 3.3





#25
Ethyl Acetate
Concen: 8.799 ppbv
RT: 5.233 min Scan# 814
Delta R.T. 0.019 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

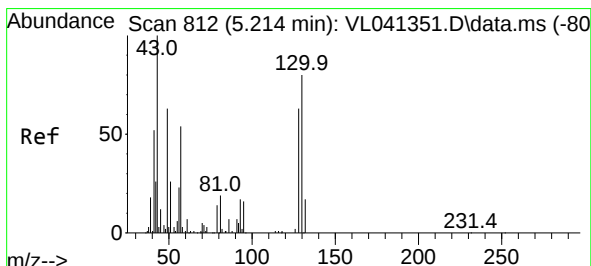
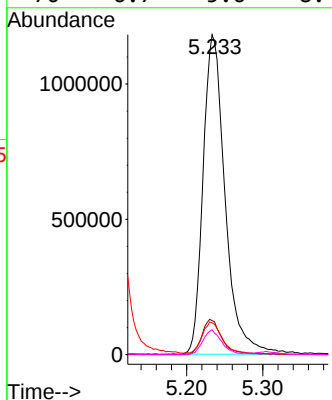
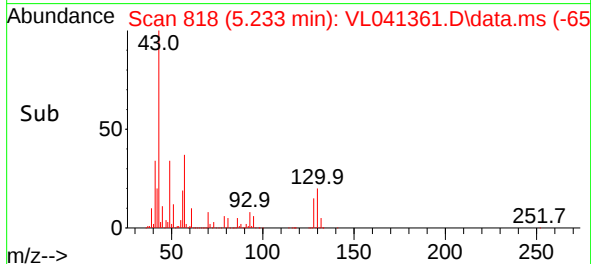
Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01



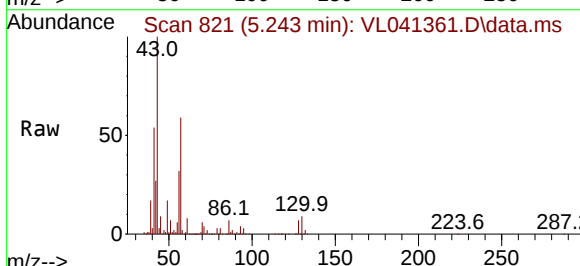
Tgt Ion: 43 Resp: 237004
Ion Ratio Lower Upper
43 100
45 10.3 8.3 12.5
61 9.9 7.7 11.5
70 6.7 5.6 8.4

Manual Integrations
APPROVED

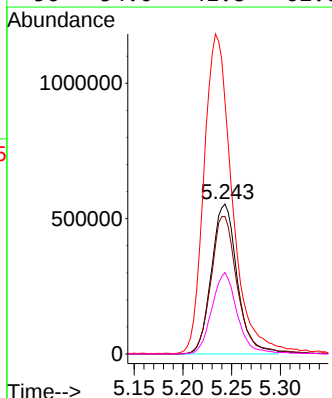
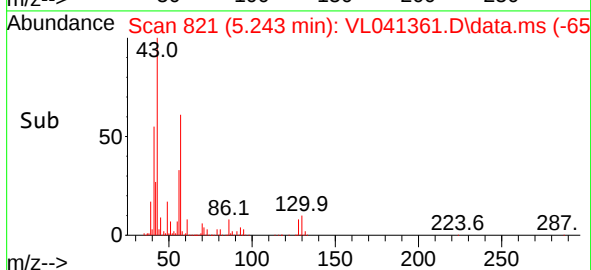
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

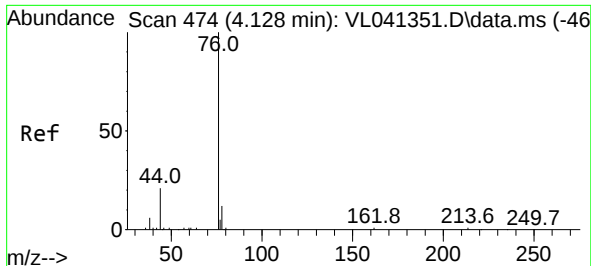


#26
Hexane
Concen: 8.542 ppbv
RT: 5.243 min Scan# 821
Delta R.T. 0.022 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16



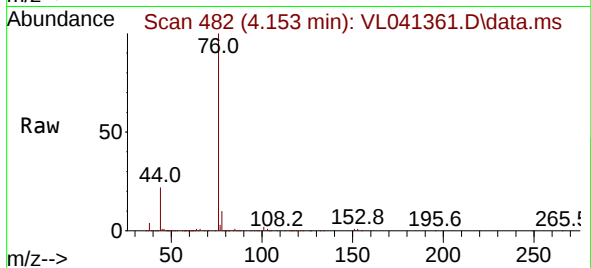
Tgt Ion: 57 Resp: 1018749
Ion Ratio Lower Upper
57 100
41 95.0 73.7 110.5
43 234.8 182.2 273.2
56 54.0 41.8 62.6





#27
Carbon Disulfide
Concen: 9.097 ppbv
RT: 4.153 min Scan# 41
Delta R.T. 0.022 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

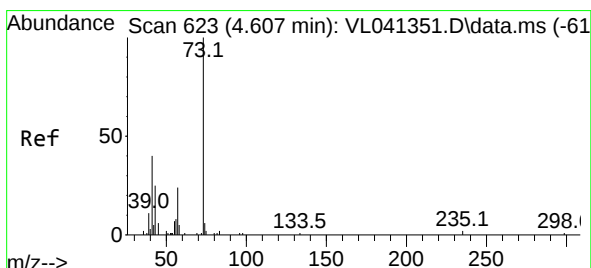
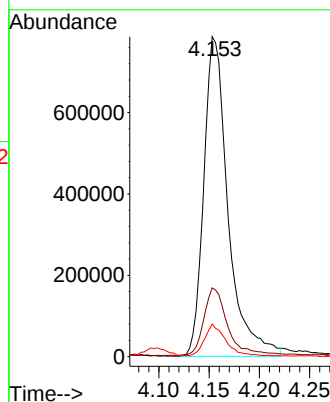
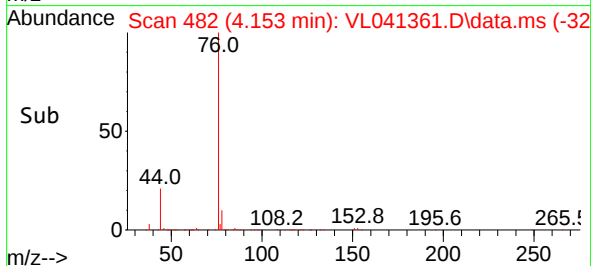
Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01



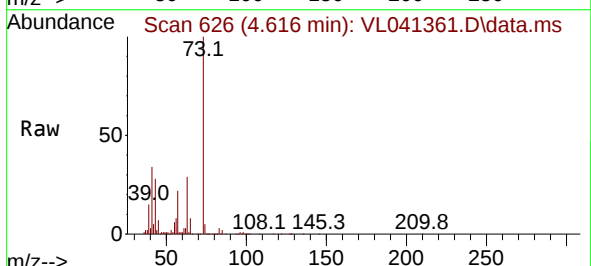
Tgt Ion: 76 Resp: 1320109
Ion Ratio Lower Upper
76 100
44 21.7 17.4 26.2
78 9.7 7.3 10.9

Manual Integrations
APPROVED

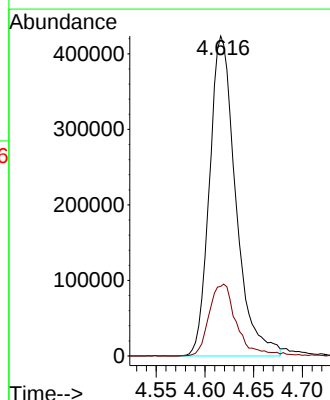
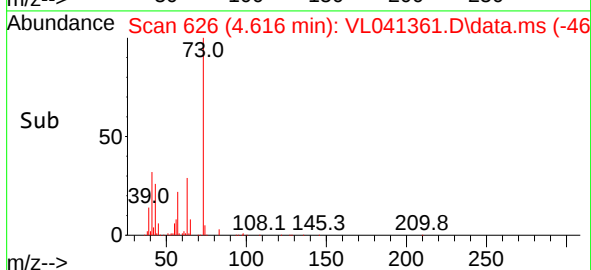
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

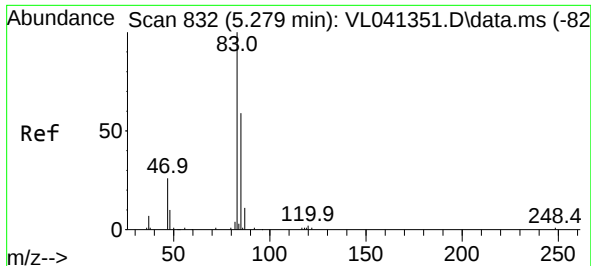


#28
Methyl tert-Butyl Ether
Concen: 8.973 ppbv
RT: 4.616 min Scan# 626
Delta R.T. 0.022 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16



Tgt Ion: 73 Resp: 793700
Ion Ratio Lower Upper
73 100
57 23.9 19.9 29.9





#29

Chloroform

Concen: 8.632 ppbv

RT: 5.304 min Scan# 84

Delta R.T. 0.019 min

Lab File: VL041361.D

Acq: 26 Jun 2024 16:16

Instrument :

MSVOA_L

ClientSampleId :

VL0626ABS01

Tgt Ion: 83 Resp: 158839

Ion Ratio Lower Upper

83 100

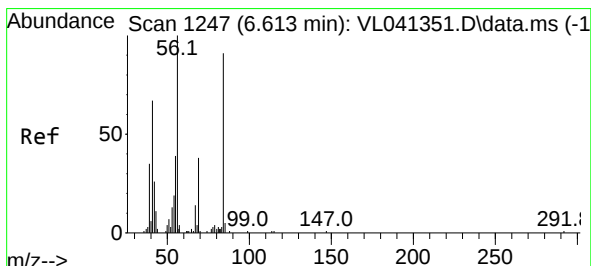
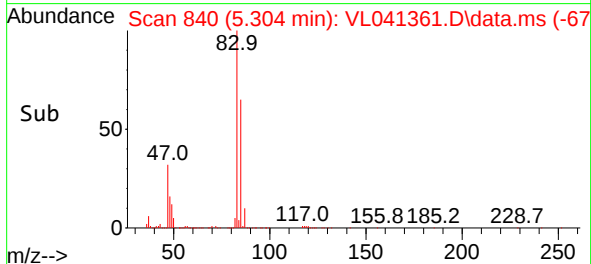
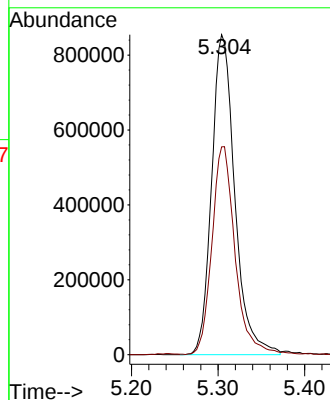
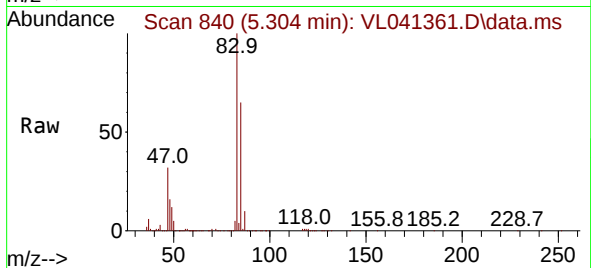
85 64.8 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#30

Cyclohexane

Concen: 9.174 ppbv

RT: 6.632 min Scan# 1253

Delta R.T. 0.019 min

Lab File: VL041361.D

Acq: 26 Jun 2024 16:16

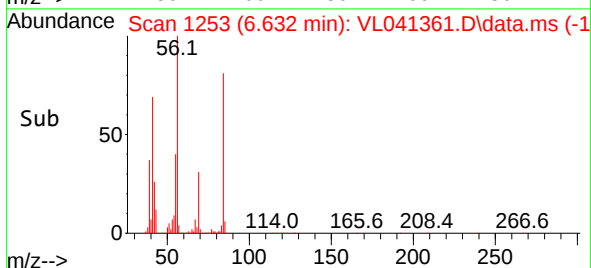
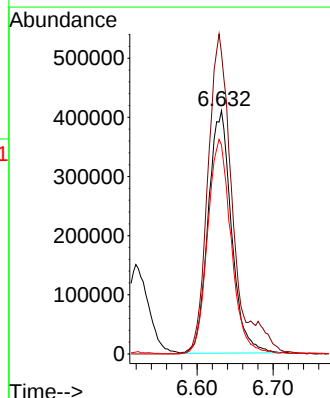
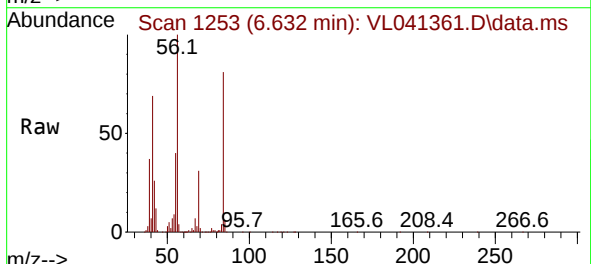
Tgt Ion: 84 Resp: 871630

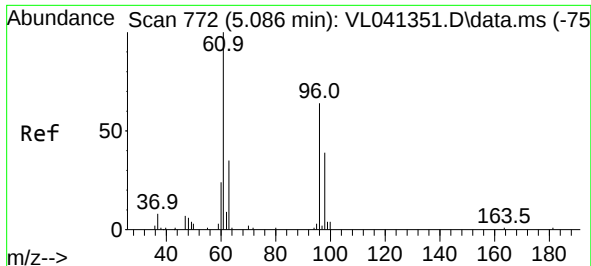
Ion Ratio Lower Upper

84 100

56 140.1 112.4 168.6

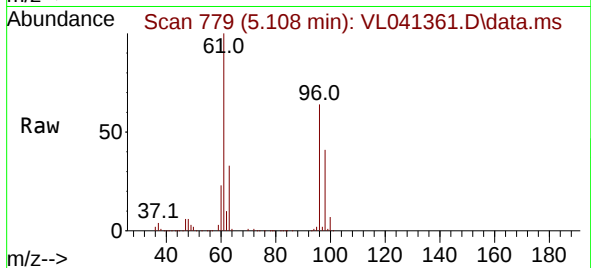
41 89.5 72.7 109.1





#31
 cis-1,2-Dichloroethene
 Concen: 9.083 ppbv
 RT: 5.108 min Scan# 71
 Delta R.T. 0.019 min
 Lab File: VL041361.D
 Acq: 26 Jun 2024 16:16

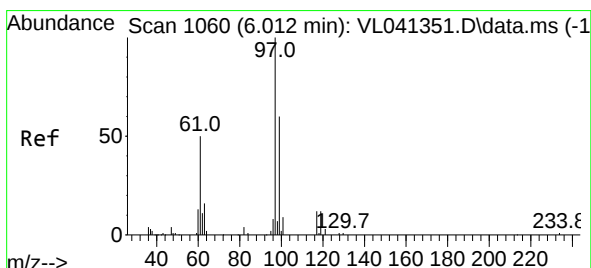
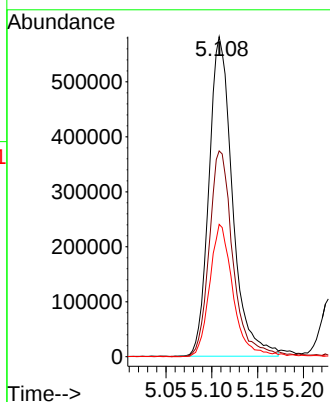
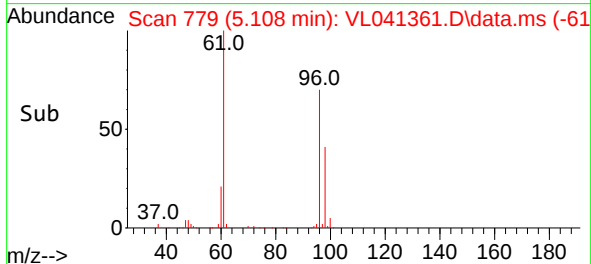
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0626ABS01



Tgt Ion: 61 Resp: 103851
 Ion Ratio Lower Upper
 61 100
 96 64.3 52.6 79.0
 98 41.4 32.3 48.5

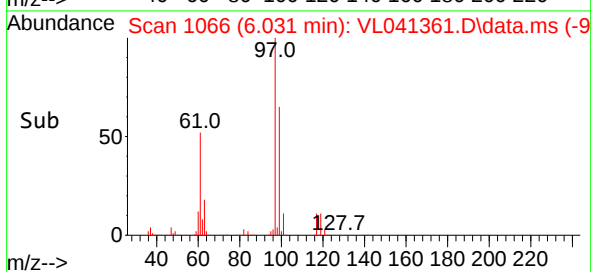
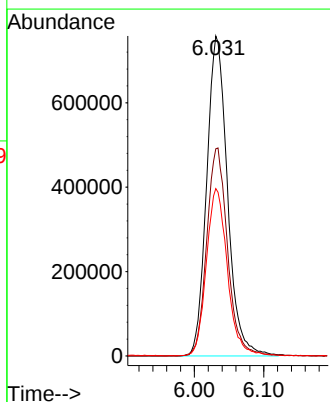
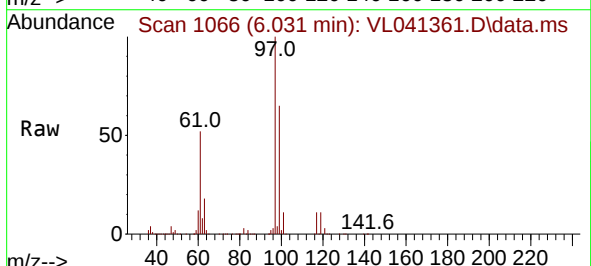
Manual Integrations
 APPROVED

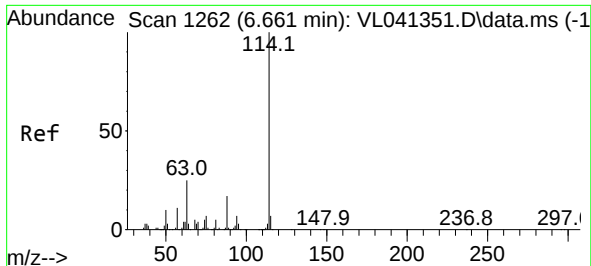
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#32
 1,1,1-Trichloroethane
 Concen: 8.191 ppbv
 RT: 6.031 min Scan# 1066
 Delta R.T. 0.016 min
 Lab File: VL041361.D
 Acq: 26 Jun 2024 16:16

Tgt Ion: 97 Resp: 1581962
 Ion Ratio Lower Upper
 97 100
 99 65.2 52.0 78.0
 61 53.2 43.0 64.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.684 min Scan# 1

Delta R.T. 0.016 min

Lab File: VL041361.D

Acq: 26 Jun 2024 16:16

Instrument :

MSVOA_L

ClientSampleId :

VL0626ABS01

Tgt Ion:114 Resp: 294373

Ion Ratio Lower Upper

114 100

63 25.7 20.6 31.0

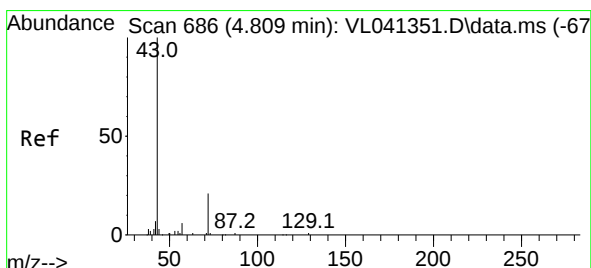
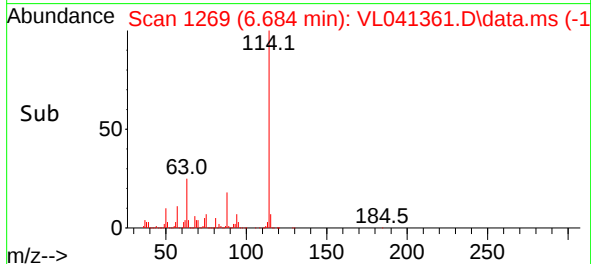
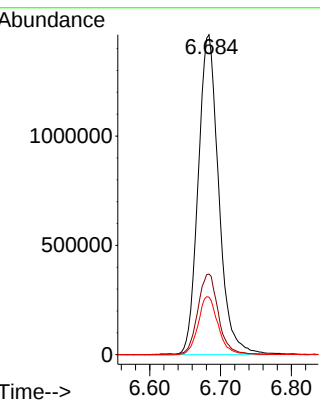
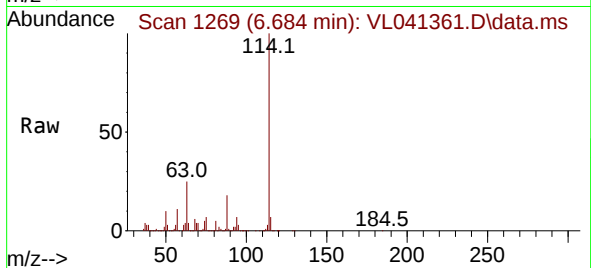
88 17.8 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#34

2-Butanone

Concen: 9.256 ppbv

RT: 4.819 min Scan# 689

Delta R.T. 0.022 min

Lab File: VL041361.D

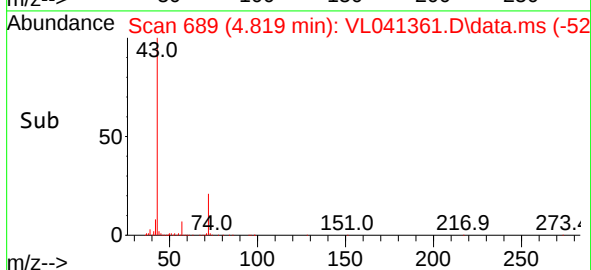
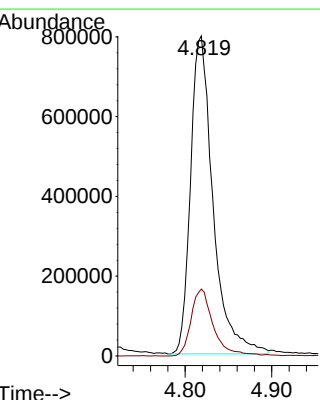
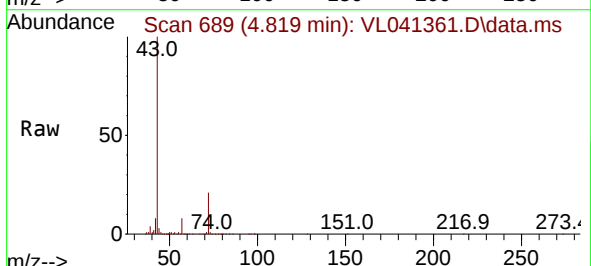
Acq: 26 Jun 2024 16:16

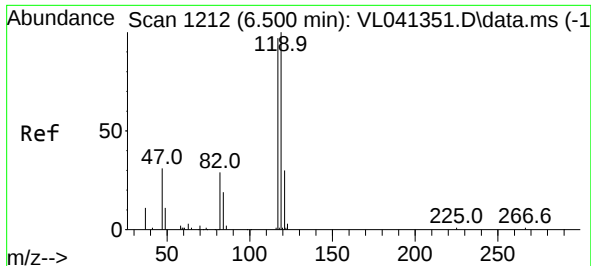
Tgt Ion: 43 Resp: 1437789

Ion Ratio Lower Upper

43 100

72 21.0 17.2 25.8





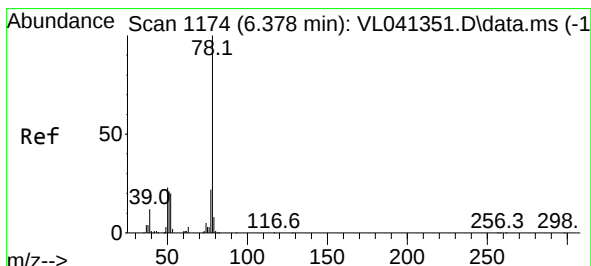
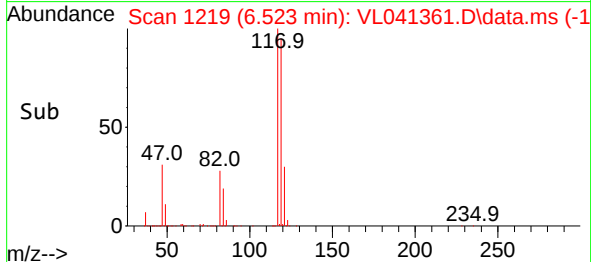
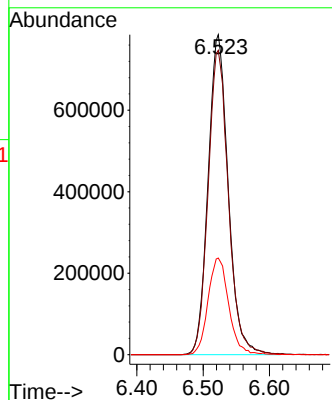
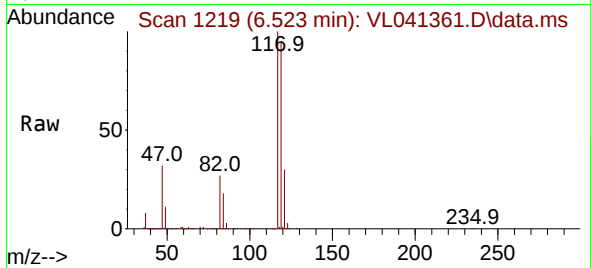
#35
Carbon Tetrachloride
Concen: 8.526 ppbv
RT: 6.523 min Scan# 117
Delta R.T. 0.016 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01

Tgt Ion: 117 Resp: 1657538
Ion Ratio Lower Upper
117 100
119 95.1 77.2 115.8
121 30.2 25.2 37.8

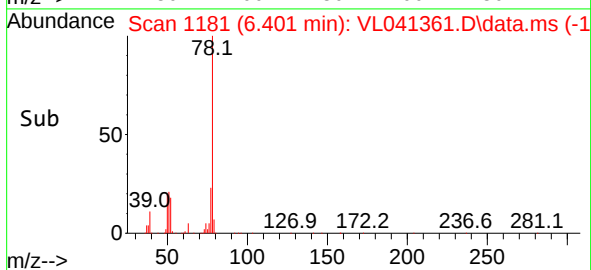
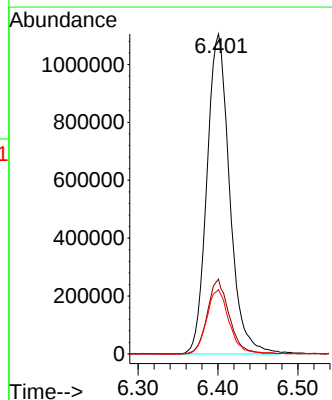
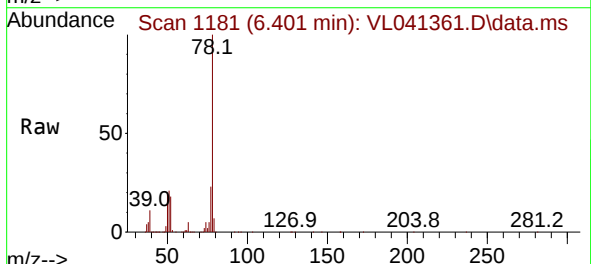
Manual Integrations
APPROVED

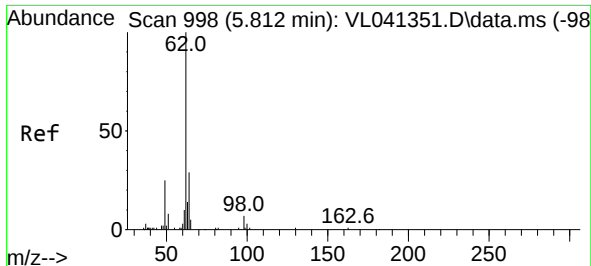
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#36
Benzene
Concen: 8.956 ppbv
RT: 6.401 min Scan# 1181
Delta R.T. 0.019 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Tgt Ion: 78 Resp: 2181770
Ion Ratio Lower Upper
78 100
77 23.4 17.9 26.9
50 20.1 15.5 23.3





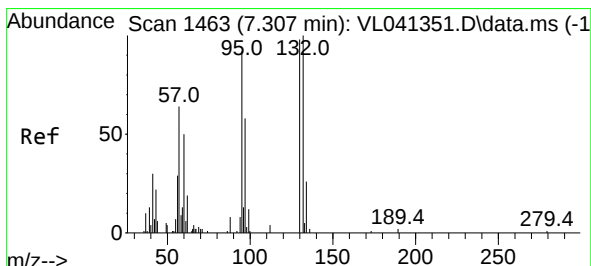
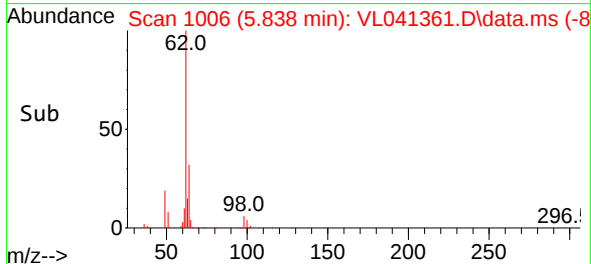
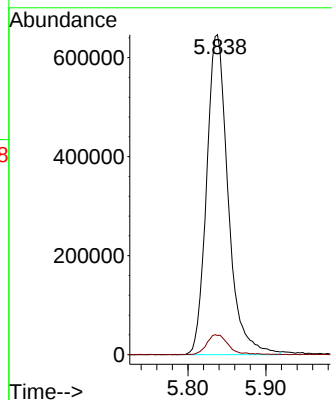
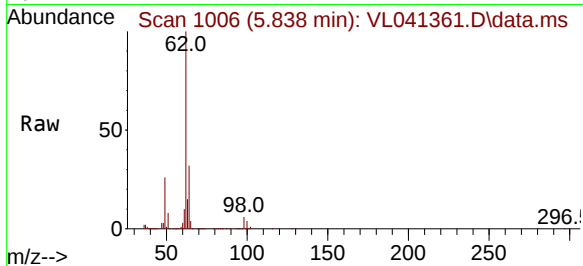
#37
1,2-Dichloroethane
Concen: 8.882 ppbv
RT: 5.838 min Scan# 1006
Delta R.T. 0.019 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01

Tgt Ion: 62 Resp: 124163
Ion Ratio Lower Upper
62 100
98 6.3 4.8 7.2

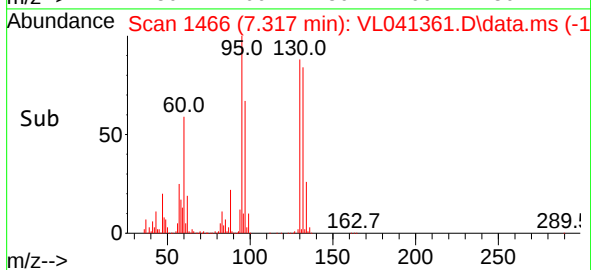
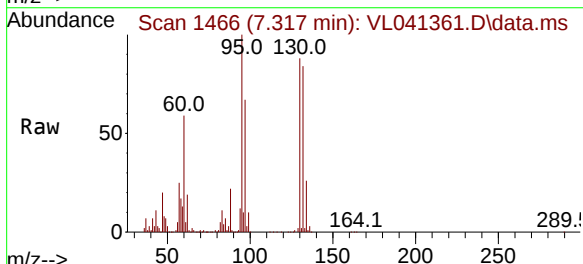
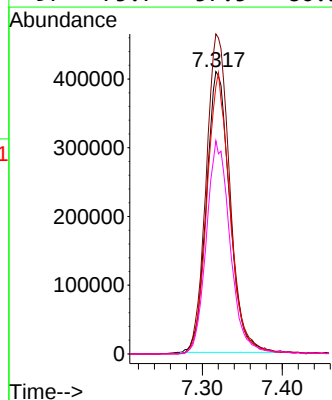
Manual Integrations
APPROVED

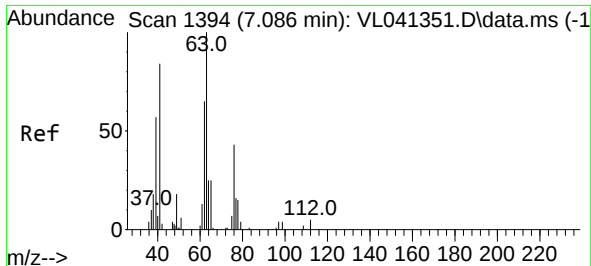
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#38
Trichloroethene
Concen: 7.813 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.010 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Tgt Ion:130 Resp: 829229
Ion Ratio Lower Upper
130 100
95 113.8 90.0 135.0
132 95.2 74.8 112.2
97 75.7 57.5 86.3





#39

1,2-Dichloropropane

Concen: 8.868 ppbv

RT: 7.098 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL041361.D

Acq: 26 Jun 2024 16:16

Instrument :

MSVOA_L

ClientSampleId :

VL0626ABS01

Tgt Ion: 63 Resp: 834874

Ion Ratio Lower Upper

63 100

41 73.0 64.0 96.0

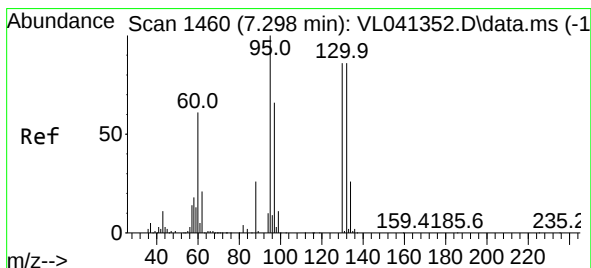
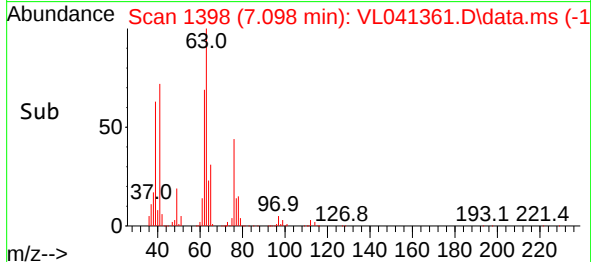
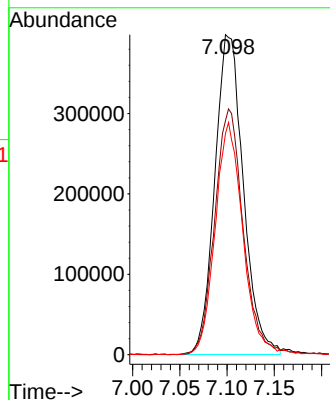
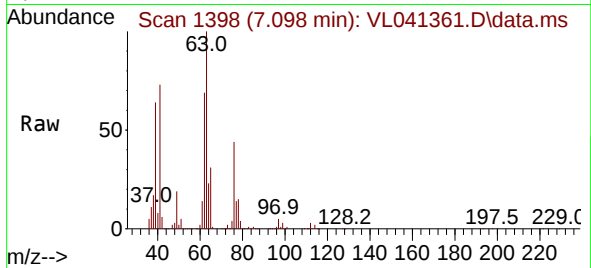
62 69.0 55.2 82.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#40

1,4-Dioxane

Concen: 8.031 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.013 min

Lab File: VL041361.D

Acq: 26 Jun 2024 16:16

Tgt Ion: 88 Resp: 242395

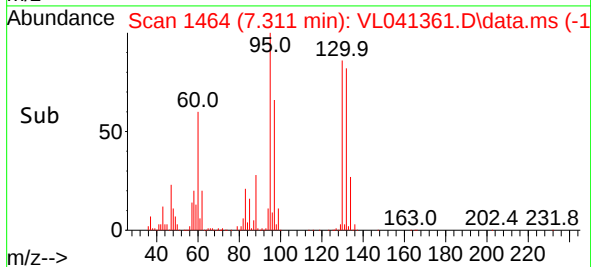
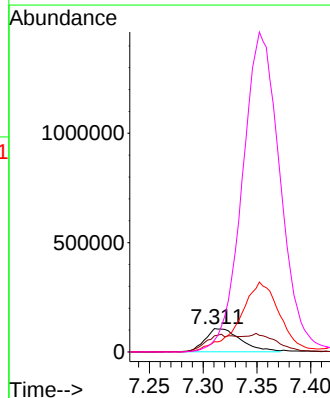
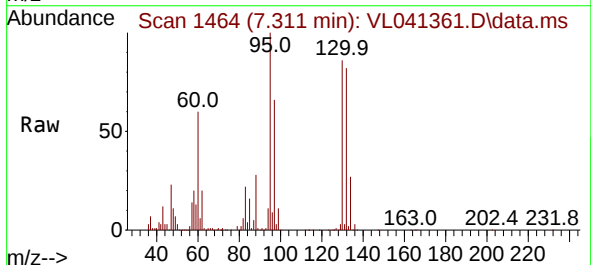
Ion Ratio Lower Upper

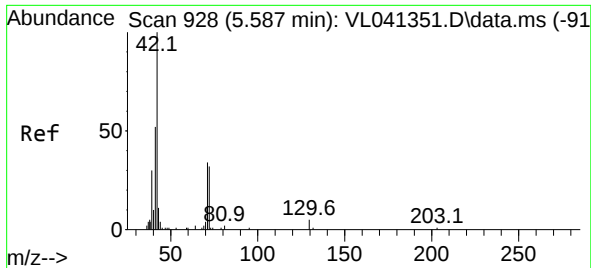
88 100

58 140.9 47.9 71.9#

43 342.6 0.0 0.0#

57 1492.8 0.0 0.0#





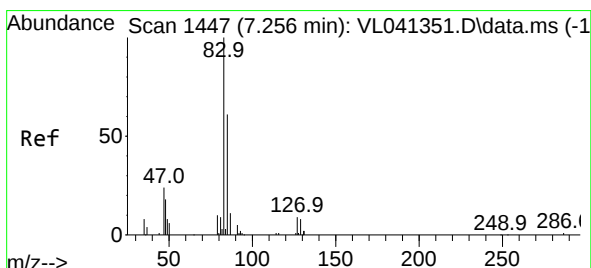
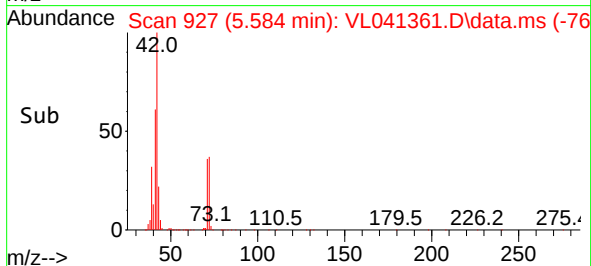
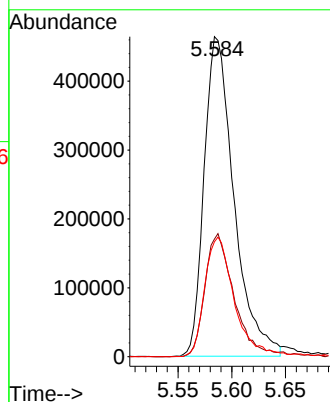
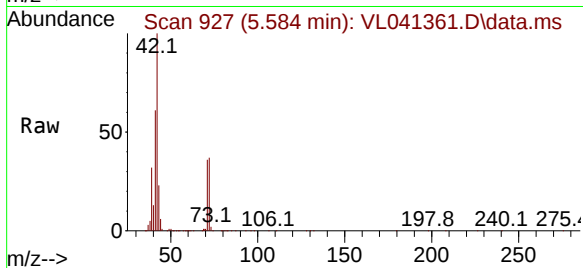
#41
Tetrahydrofuran
Concen: 9.293 ppbv
RT: 5.584 min Scan# 91
Delta R.T. 0.019 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01

Tgt Ion: 42 Resp: 894154
Ion Ratio Lower Upper
42 100
72 38.5 30.3 45.5
71 37.8 29.7 44.5

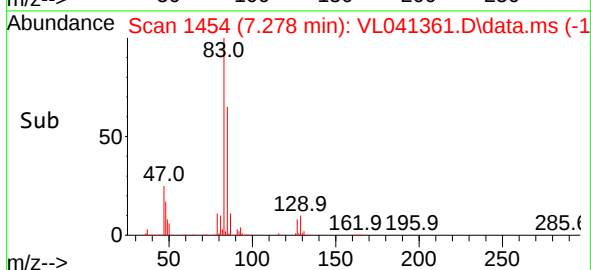
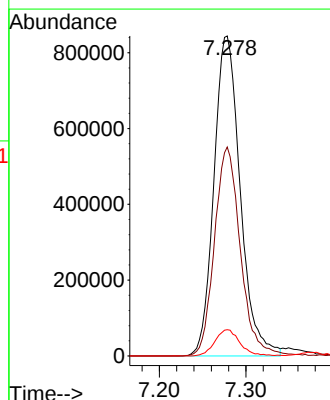
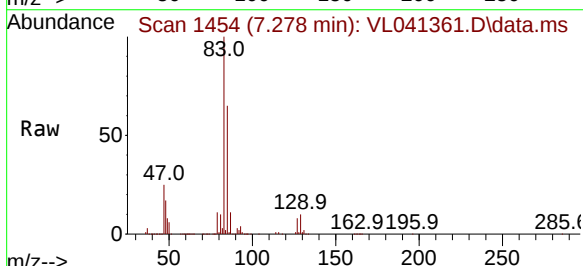
Manual Integrations
APPROVED

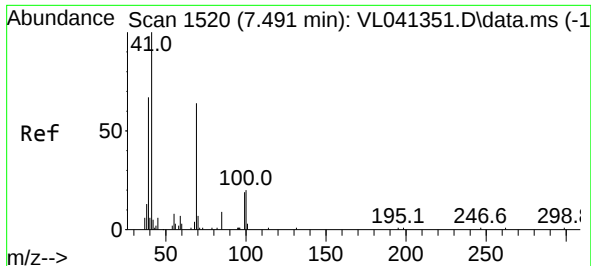
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#42
Bromodichloromethane
Concen: 9.114 ppbv
RT: 7.278 min Scan# 1454
Delta R.T. 0.013 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Tgt Ion: 83 Resp: 1782560
Ion Ratio Lower Upper
83 100
85 65.3 52.0 78.0
127 8.2 6.0 9.0





#43

Methyl Methacrylate

Concen: 9.626 ppbv

RT: 7.500 min Scan# 1

Delta R.T. 0.013 min

Lab File: VL041361.D

Acq: 26 Jun 2024 16:16

Instrument :

MSVOA_L

ClientSampleId :

VL0626ABS01

Tgt Ion: 69 Resp: 881068

Ion Ratio Lower Upper

69 100

41 154.6 125.0 187.6

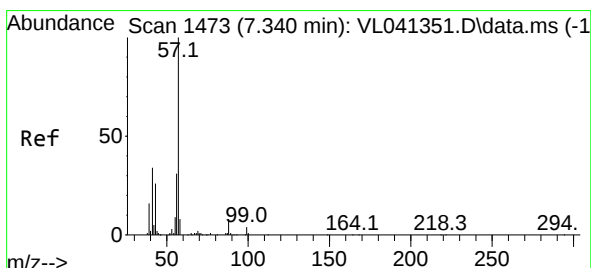
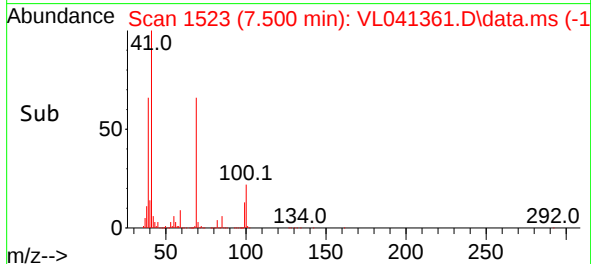
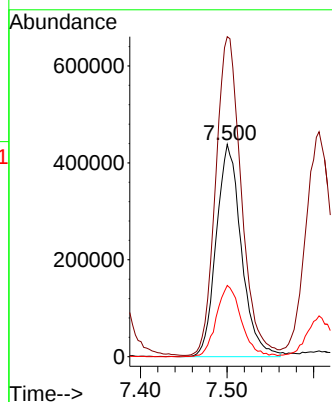
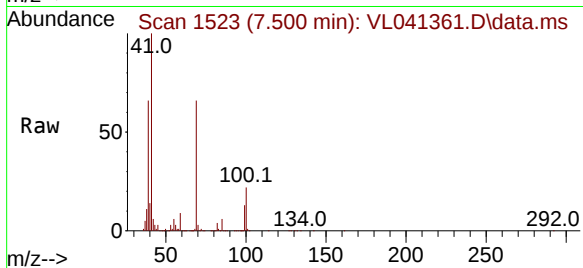
100 33.6 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#44

2,2,4-Trimethylpentane

Concen: 8.713 ppbv

RT: 7.352 min Scan# 1477

Delta R.T. 0.013 min

Lab File: VL041361.D

Acq: 26 Jun 2024 16:16

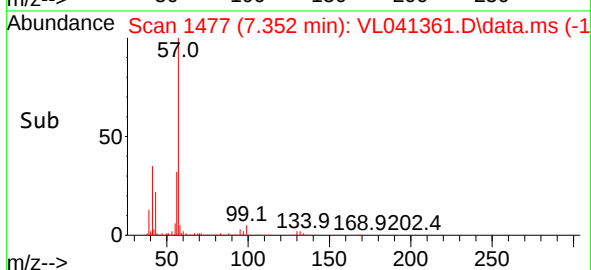
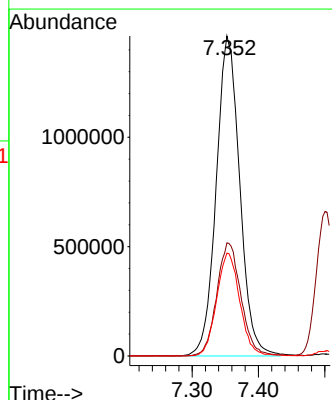
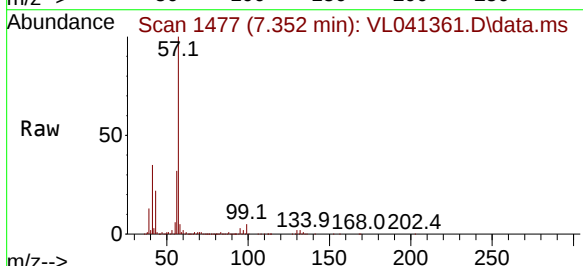
Tgt Ion: 57 Resp: 3607455

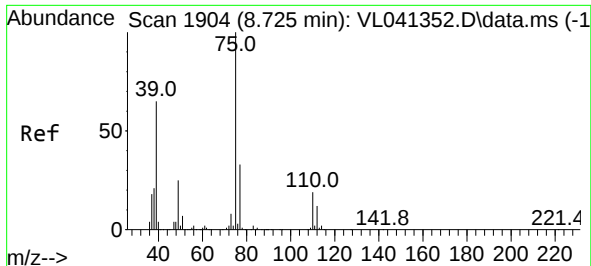
Ion Ratio Lower Upper

57 100

41 36.5 29.6 44.4

56 31.8 25.7 38.5





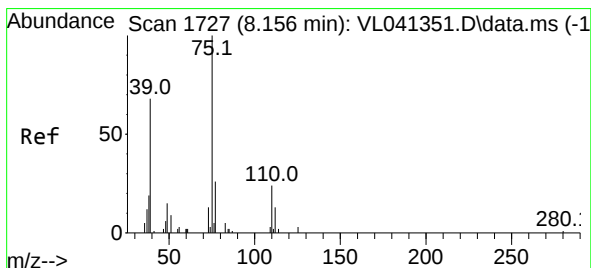
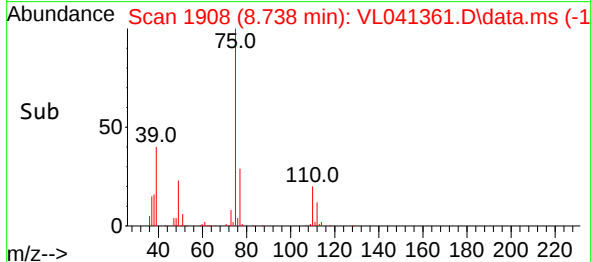
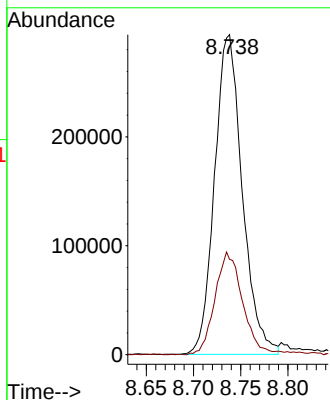
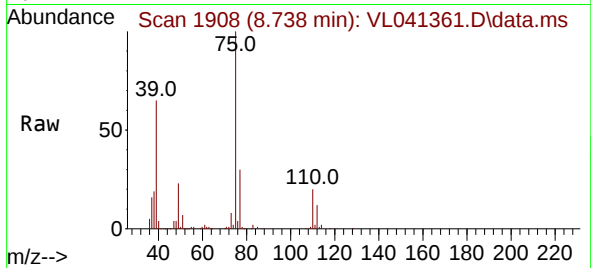
#45
 t-1,3-Dichloropropene
 Concen: 10.340 ppbv
 RT: 8.738 min Scan# 1904
 Delta R.T. 0.013 min
 Lab File: VL041361.D
 Acq: 26 Jun 2024 16:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0626ABS01

Tgt Ion: 75 Resp: 59894
 Ion Ratio Lower Upper
 75 100
 77 29.8 26.2 39.2

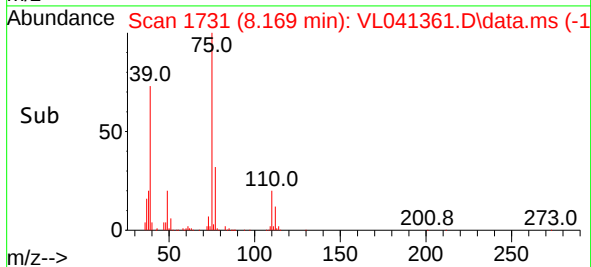
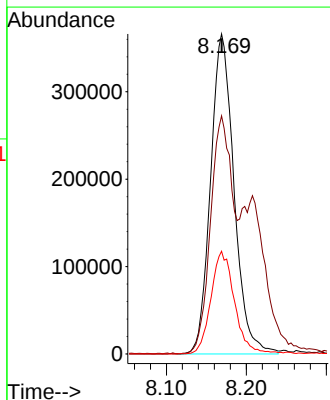
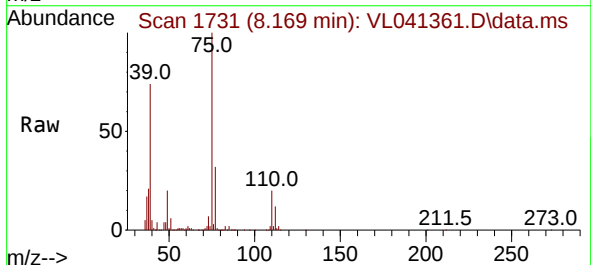
Manual Integrations
 APPROVED

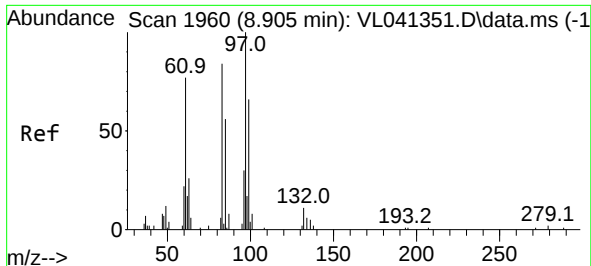
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#46
 cis-1,3-Dichloropropene
 Concen: 9.567 ppbv
 RT: 8.169 min Scan# 1731
 Delta R.T. 0.010 min
 Lab File: VL041361.D
 Acq: 26 Jun 2024 16:16

Tgt Ion: 75 Resp: 745215
 Ion Ratio Lower Upper
 75 100
 39 74.3 56.6 85.0
 77 32.1 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 8.656 ppbv

RT: 8.925 min Scan# 1960

Delta R.T. 0.013 min

Lab File: VL041361.D

Acq: 26 Jun 2024 16:16

Instrument :

MSVOA_L

ClientSampleId :

VL0626ABS01

Tgt Ion: 97 Resp: 874108

Ion Ratio Lower Upper

97 100

83 88.5 72.4 108.6

85 56.6 42.6 64.0

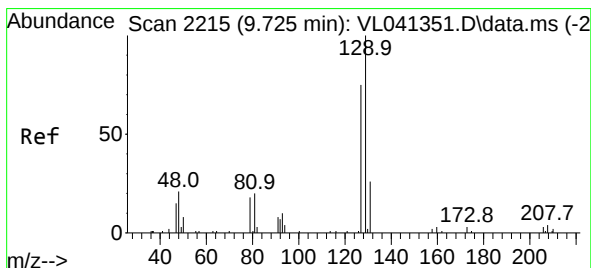
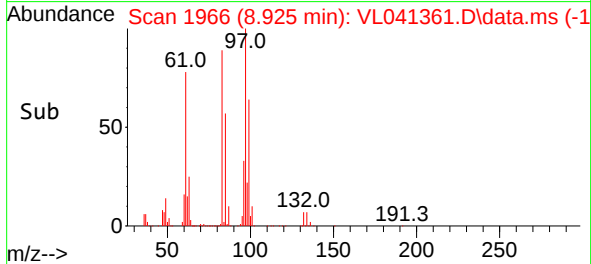
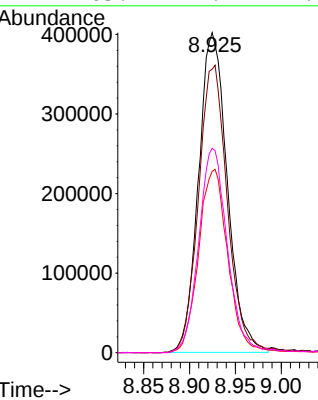
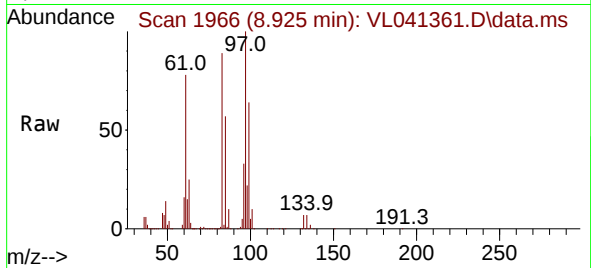
99 63.9 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#48

Dibromochloromethane

Concen: 9.232 ppbv

RT: 9.735 min Scan# 2218

Delta R.T. 0.006 min

Lab File: VL041361.D

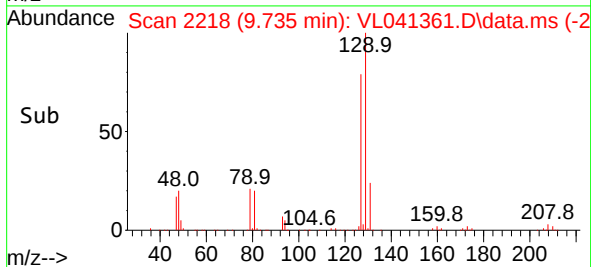
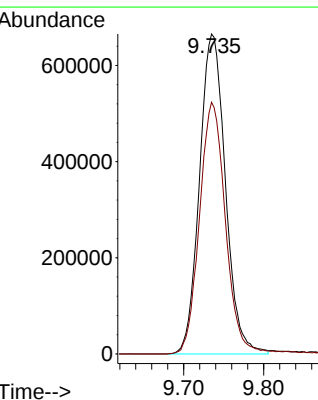
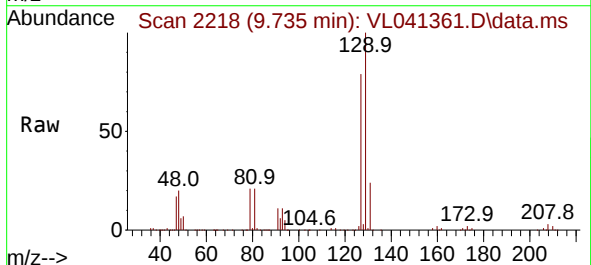
Acq: 26 Jun 2024 16:16

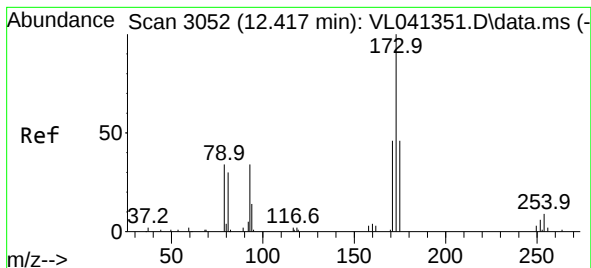
Tgt Ion:129 Resp: 1497020

Ion Ratio Lower Upper

129 100

127 79.4 39.9 119.7





#49

Bromoform

Concen: 9.620 ppbv

RT: 12.429 min Scan# 3052

Delta R.T. 0.006 min

Lab File: VL041361.D

Acq: 26 Jun 2024 16:16

Instrument :

MSVOA_L

ClientSampleId :

VL0626ABS01

Tgt Ion:173 Resp: 1242352

Ion Ratio Lower Upper

173 100

175 50.1 40.3 60.5

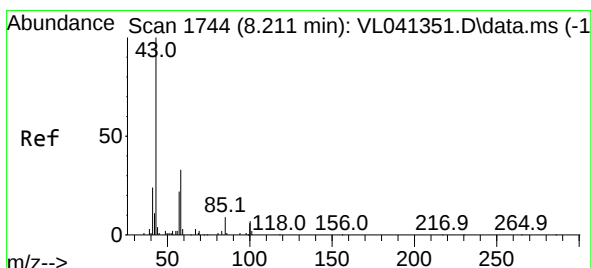
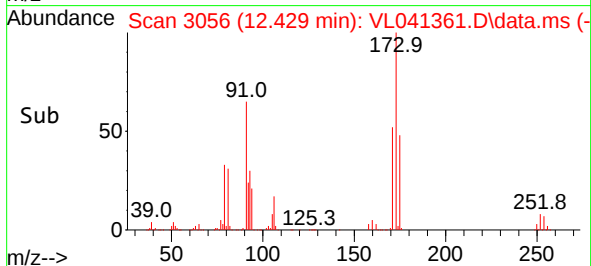
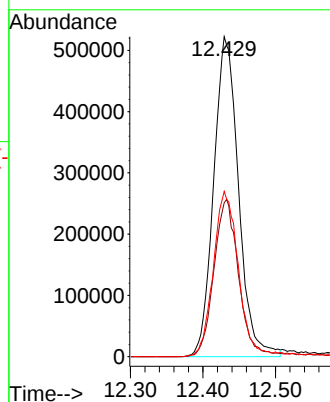
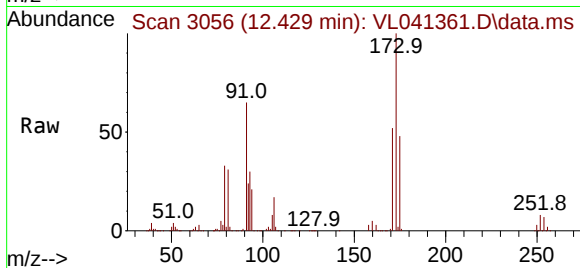
171 53.5 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#50

4-Methyl-2-Pentanone

Concen: 9.080 ppbv

RT: 8.208 min Scan# 1743

Delta R.T. 0.013 min

Lab File: VL041361.D

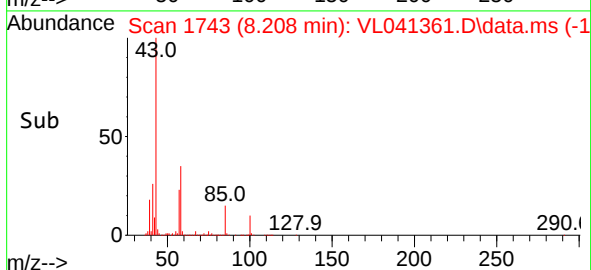
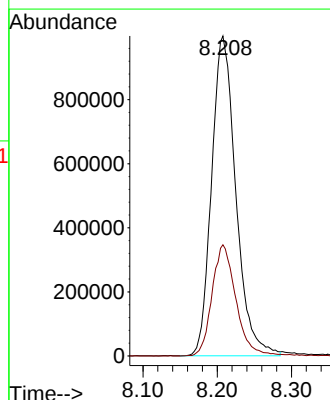
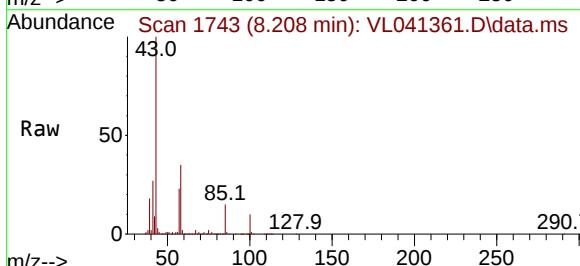
Acq: 26 Jun 2024 16:16

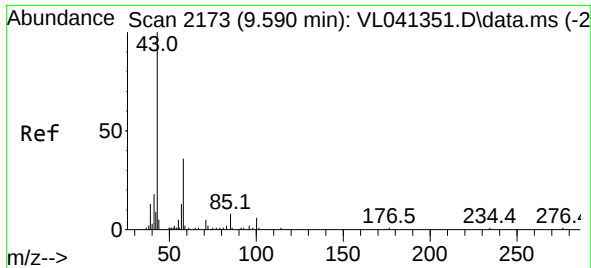
Tgt Ion: 43 Resp: 2265055

Ion Ratio Lower Upper

43 100

58 34.5 27.8 41.8





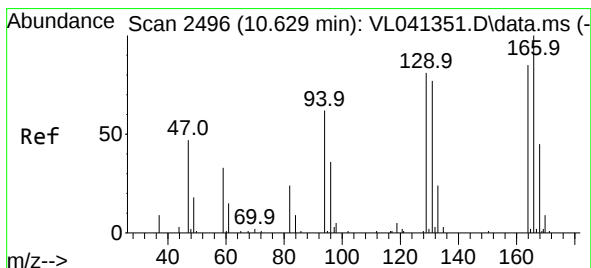
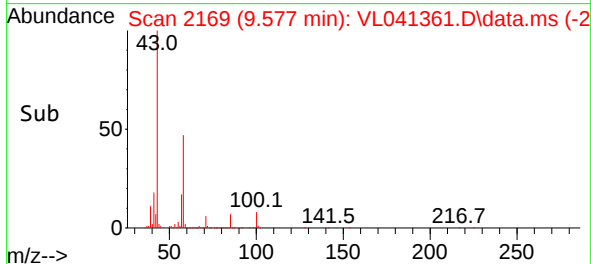
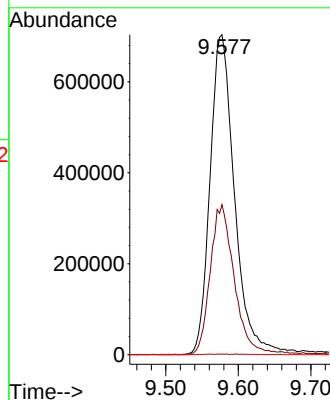
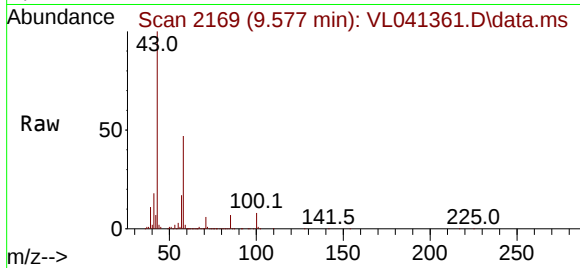
#51
2-Hexanone
Concen: 9.258 ppbv
RT: 9.577 min Scan# 2173
Delta R.T. 0.010 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Instrument : MSVOA_L
ClientSampleId : VL0626ABS01

Tgt Ion: 43 Resp: 164160
Ion Ratio Lower Upper
43 100
58 47.0 38.0 57.0
98 0.4 0.2 0.2

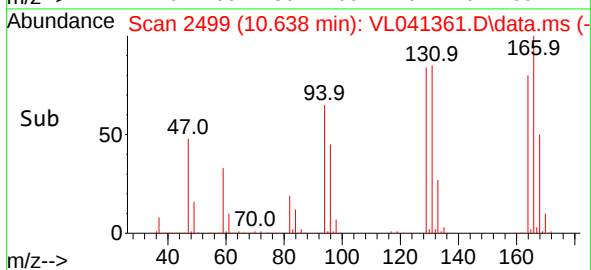
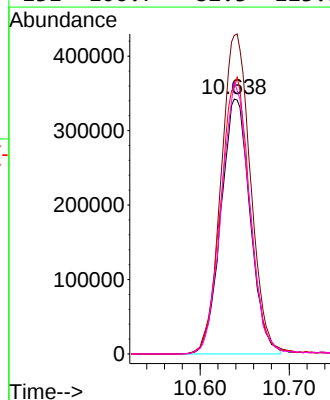
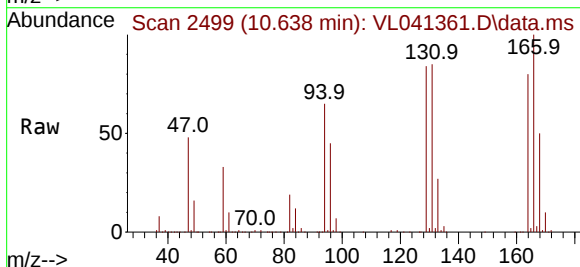
Manual Integrations
APPROVED

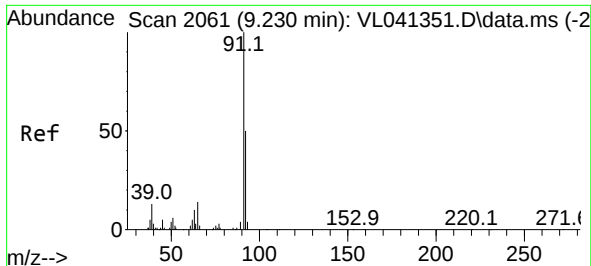
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#52
Tetrachloroethene
Concen: 7.946 ppbv
RT: 10.638 min Scan# 2499
Delta R.T. 0.006 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Tgt Ion:164 Resp: 777331
Ion Ratio Lower Upper
164 100
166 125.0 99.8 149.8
129 104.5 83.8 125.6
131 106.7 82.3 123.5





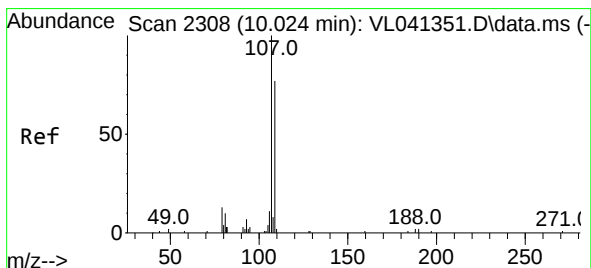
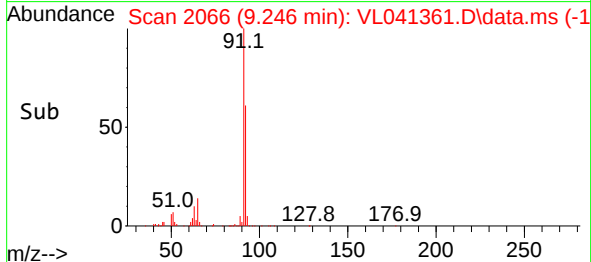
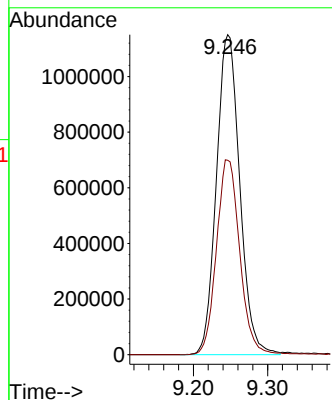
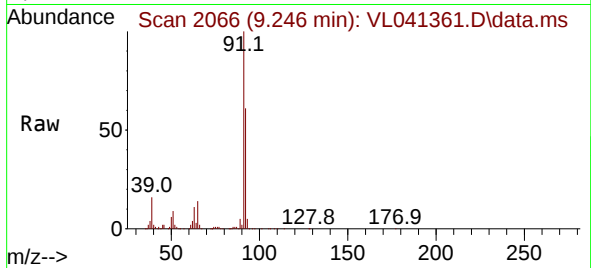
#53
Toluene
Concen: 9.155 ppbv
RT: 9.246 min Scan# 2061
Delta R.T. 0.009 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01

Tgt Ion: 91 Resp: 251556
Ion Ratio Lower Upper
91 100
92 61.0 48.5 72.7

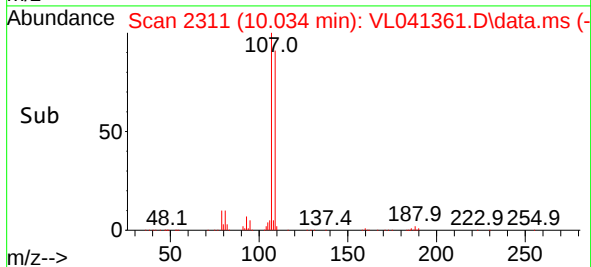
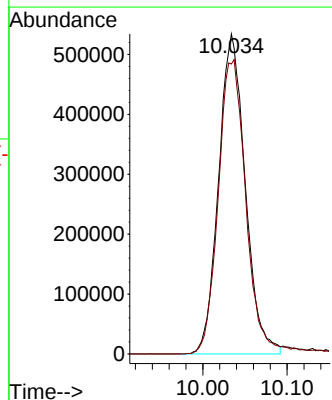
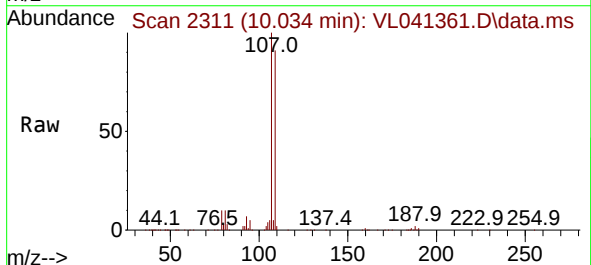
Manual Integrations
APPROVED

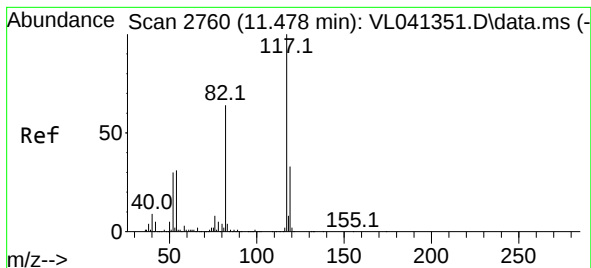
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#54
1,2-Dibromoethane
Concen: 9.377 ppbv
RT: 10.034 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

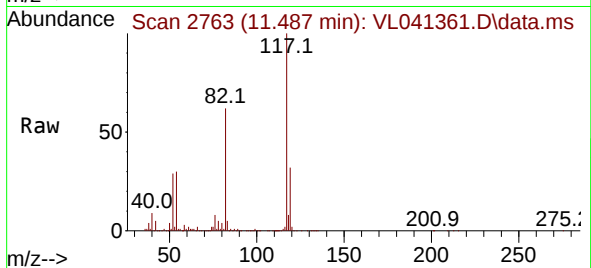
Tgt Ion:107 Resp: 1171837
Ion Ratio Lower Upper
107 100
109 90.6 75.8 113.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.487 min Scan# 2760
Delta R.T. 0.003 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

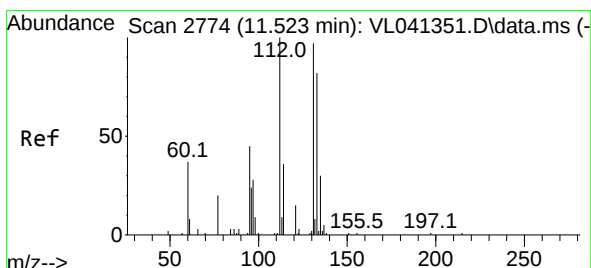
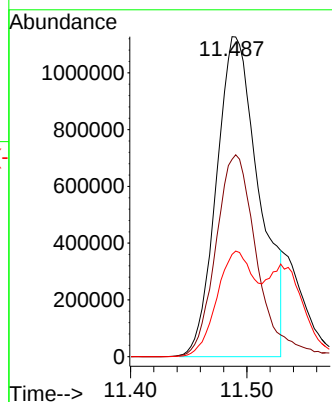
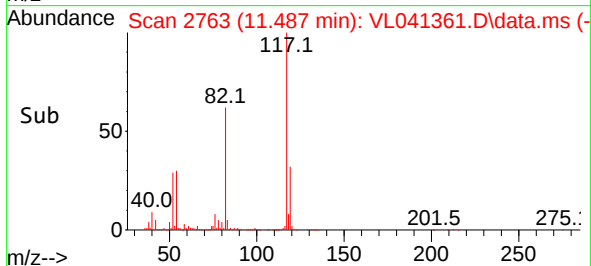
Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01



Tgt Ion:117 Resp: 287671
Ion Ratio Lower Upper
117 100
82 62.2 50.6 75.8
119 29.9 24.7 37.1

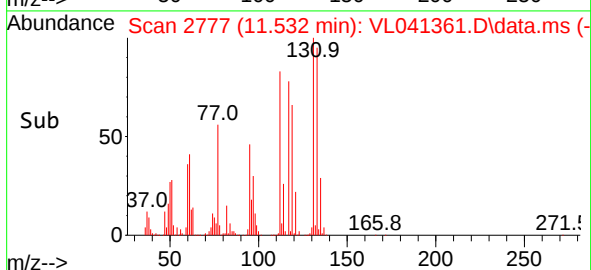
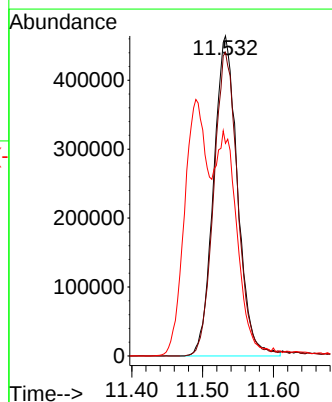
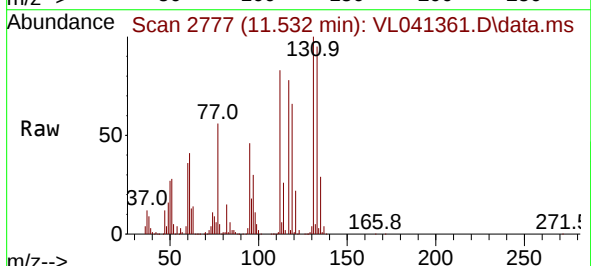
Manual Integrations
APPROVED

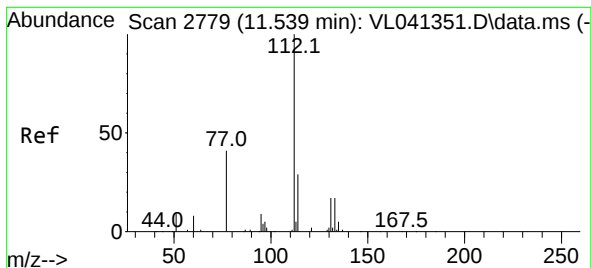
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 8.442 ppbv
RT: 11.532 min Scan# 2777
Delta R.T. 0.006 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

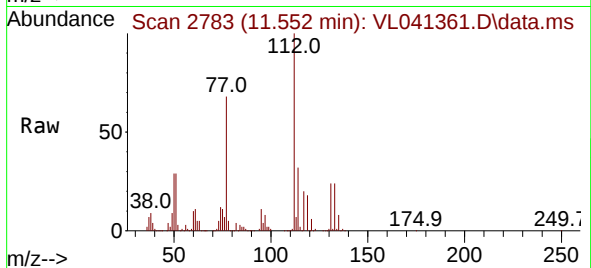
Tgt Ion:131 Resp: 1092874
Ion Ratio Lower Upper
131 100
133 96.6 76.8 115.2
119 70.0 49.4 74.0





#57
Chlorobenzene
Concen: 8.320 ppbv
RT: 11.552 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

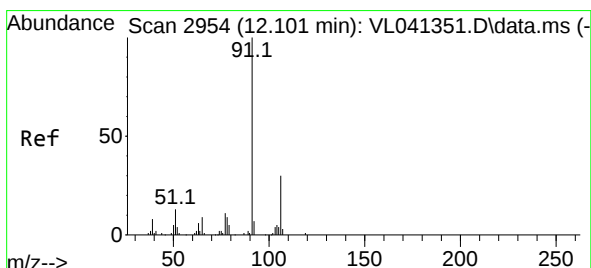
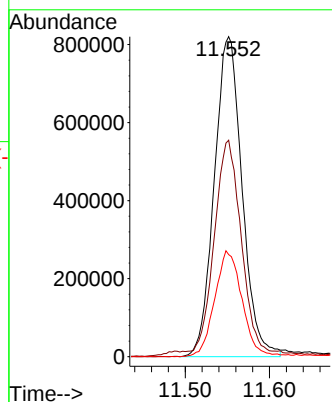
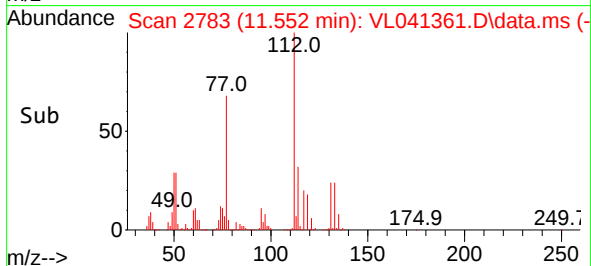
Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01



Tgt Ion:112 Resp: 1877579
Ion Ratio Lower Upper
112 100
77 66.3 53.2 79.8
114 31.9 30.1 36.7

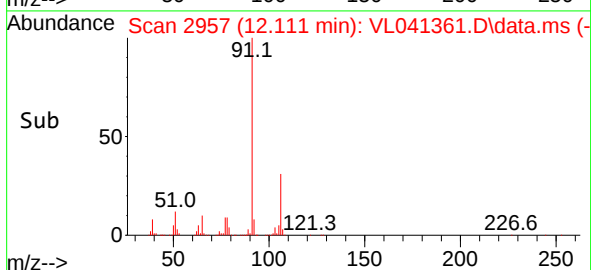
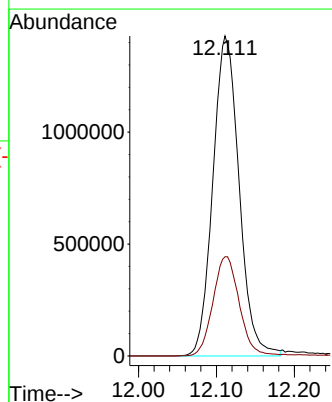
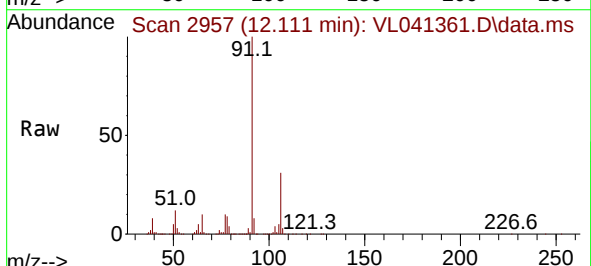
Manual Integrations
APPROVED

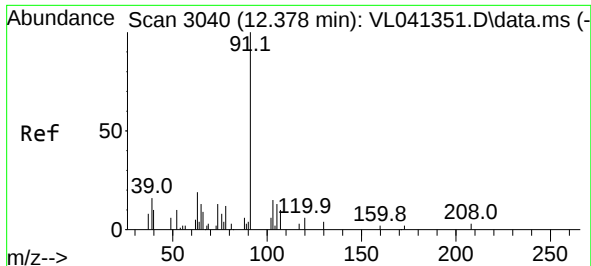
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#58
Ethyl Benzene
Concen: 8.682 ppbv
RT: 12.111 min Scan# 2957
Delta R.T. 0.006 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Tgt Ion: 91 Resp: 3341639
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0





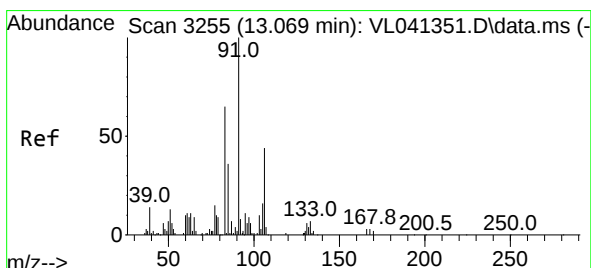
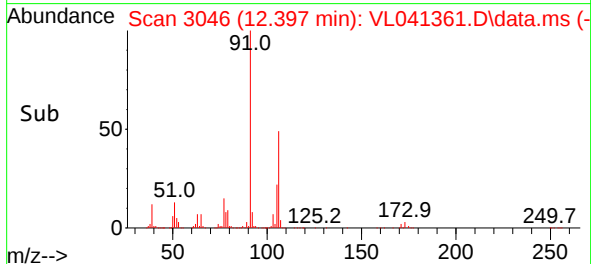
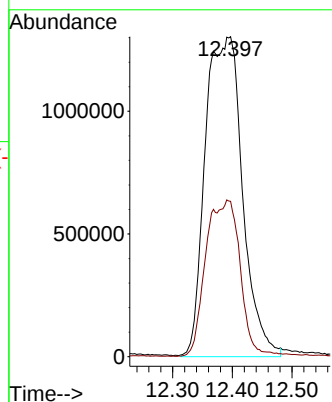
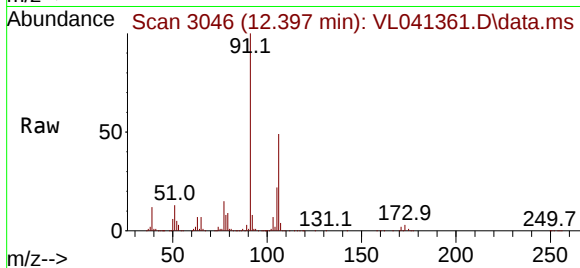
#59
m/p-Xylene
Concen: 17.003 ppbv m
RT: 12.397 min Scan# 3046
Delta R.T. 0.013 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01

Tgt Ion: 91 Resp: 5663414
Ion Ratio Lower Upper
91 100
106 45.7 35.6 53.4

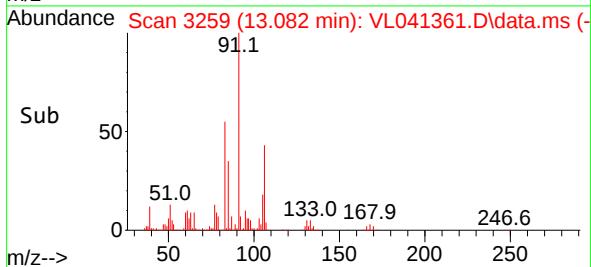
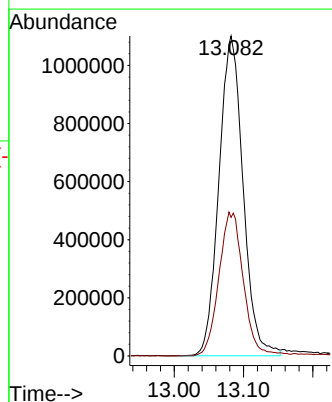
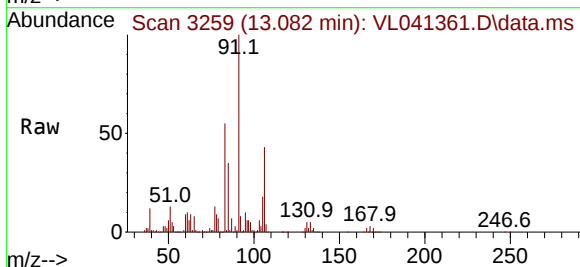
Manual Integrations
APPROVED

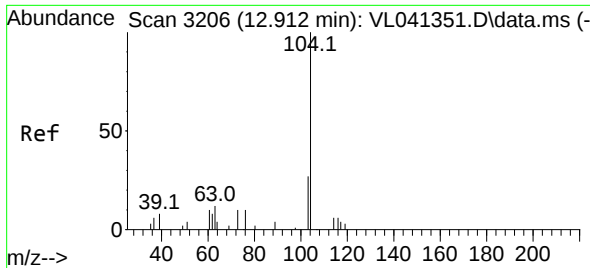
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#60
o-Xylene
Concen: 8.499 ppbv
RT: 13.082 min Scan# 3259
Delta R.T. 0.006 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Tgt Ion: 91 Resp: 2671636
Ion Ratio Lower Upper
91 100
106 46.7 23.3 69.8





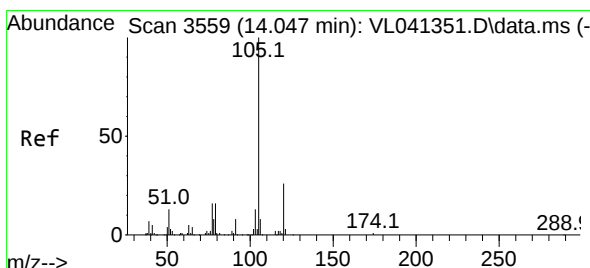
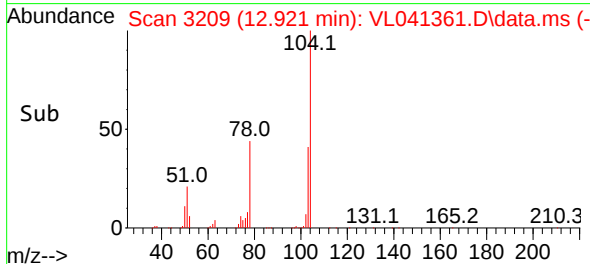
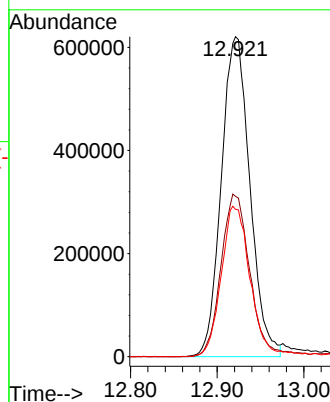
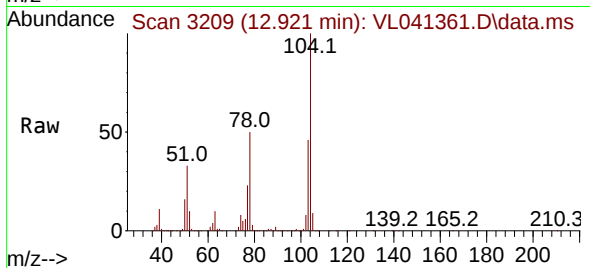
#61
Styrene
Concen: 9.331 ppbv
RT: 12.921 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01

Tgt Ion:104 Resp: 142448
Ion Ratio Lower Upper
104 100
78 51.8 40.6 61.0
103 48.2 37.4 56.0

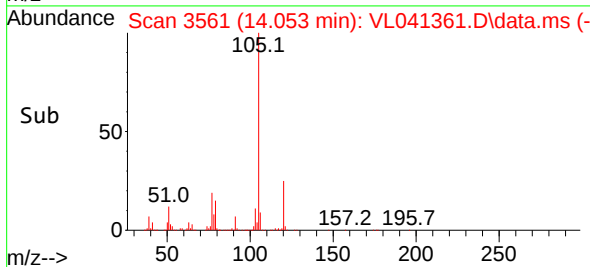
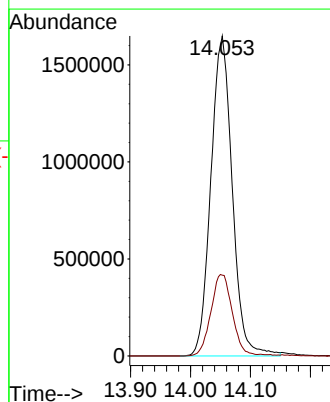
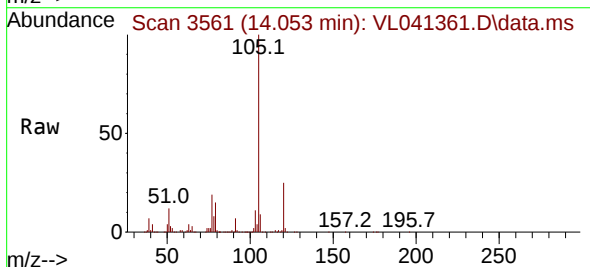
Manual Integrations
APPROVED

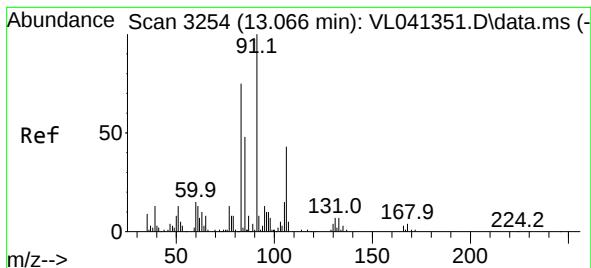
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#62
Isopropylbenzene
Concen: 8.408 ppbv
RT: 14.053 min Scan# 3561
Delta R.T. 0.009 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

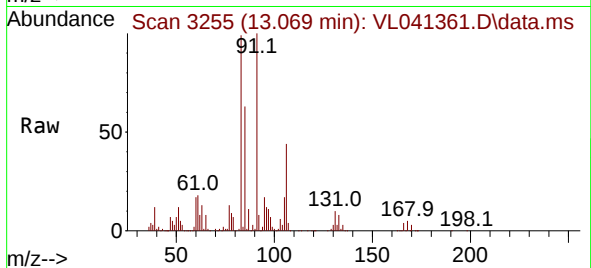
Tgt Ion:105 Resp: 4080474
Ion Ratio Lower Upper
105 100
120 25.9 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 7.831 ppbv
RT: 13.069 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

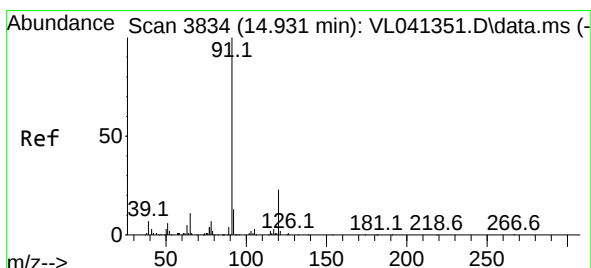
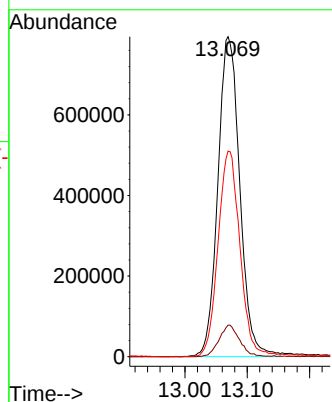
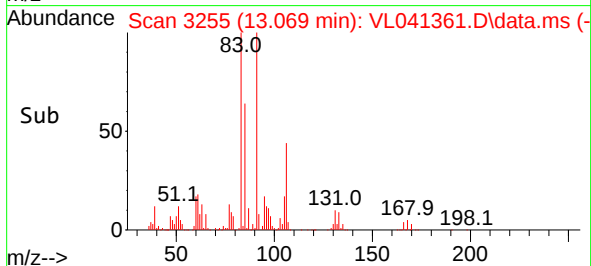
Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01



Tgt Ion: 83 Resp: 193949
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.4
85 65.3 33.0 98.9

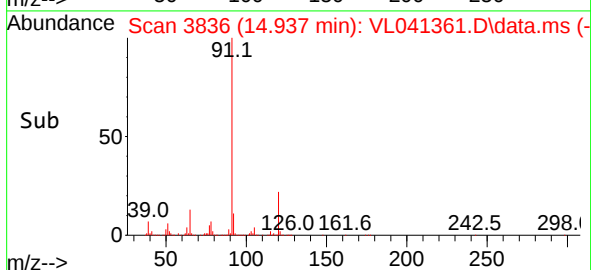
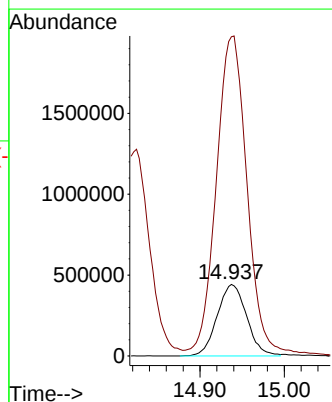
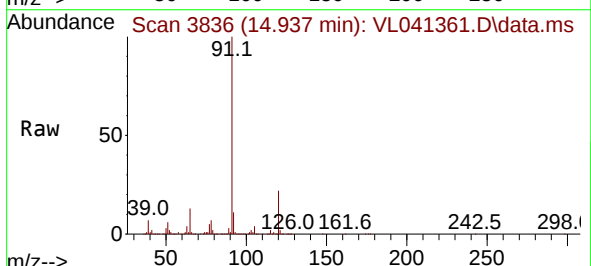
Manual Integrations
APPROVED

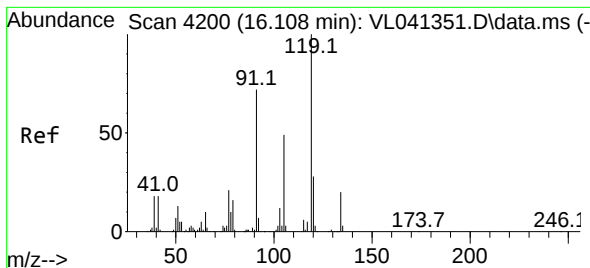
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#64
n-propylbenzene
Concen: 8.478 ppbv
RT: 14.937 min Scan# 3836
Delta R.T. 0.003 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

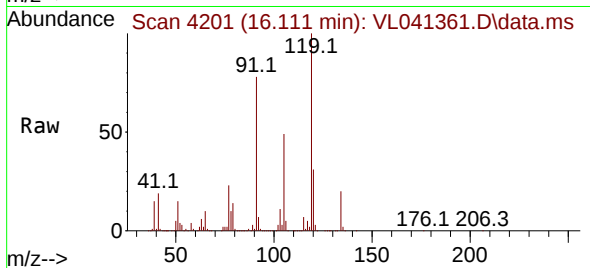
Tgt Ion:120 Resp: 1074104
Ion Ratio Lower Upper
120 100
91 469.9 378.4 567.6





#65
tert-Butylbenzene
Concen: 8.404 ppbv
RT: 16.111 min Scan# 4201
Delta R.T. 0.003 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

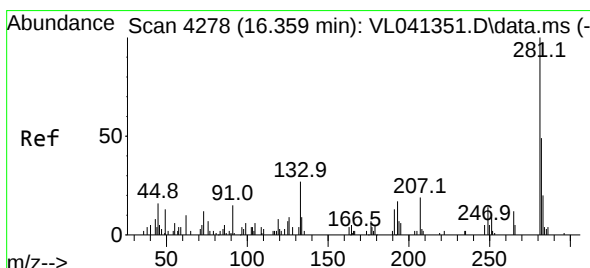
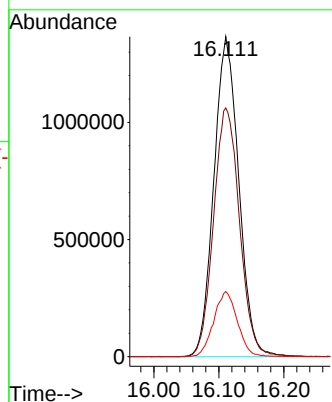
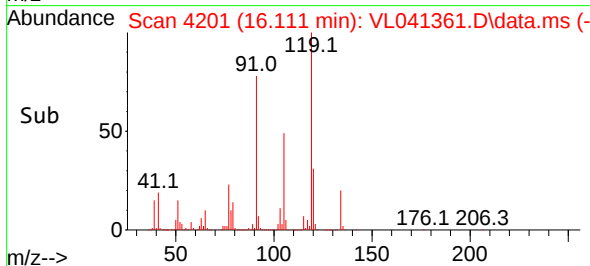
Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01



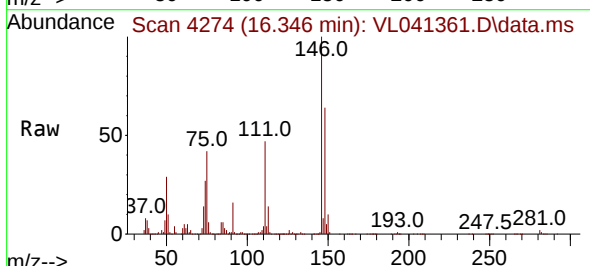
Tgt Ion: 119 Resp: 3631598
Ion Ratio Lower Upper
119 100
91 81.1 65.8 98.6
134 19.5 15.7 23.5

Manual Integrations
APPROVED

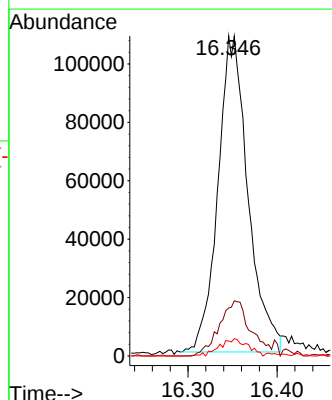
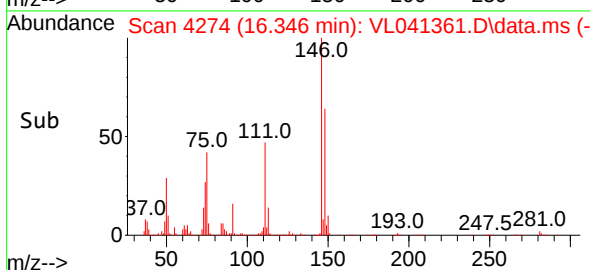
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

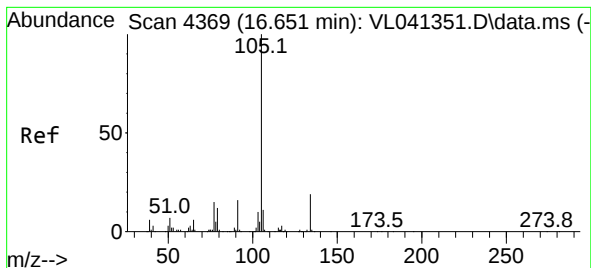


#66
Benzyl Chloride
Concen: 8.953 ppbv
RT: 16.346 min Scan# 4274
Delta R.T. 0.003 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16



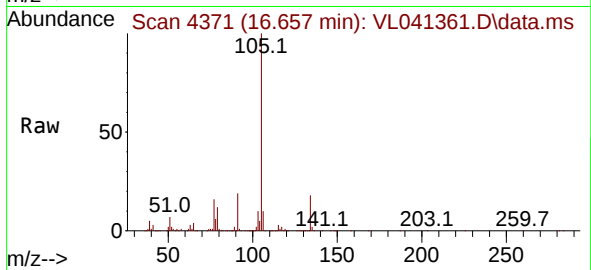
Tgt Ion: 91 Resp: 254225
Ion Ratio Lower Upper
91 100
126 19.8 15.4 23.0
128 5.7 5.0 7.4





#67
 sec-Butylbenzene
 Concen: 8.397 ppbv
 RT: 16.657 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041361.D
 Acq: 26 Jun 2024 16:16

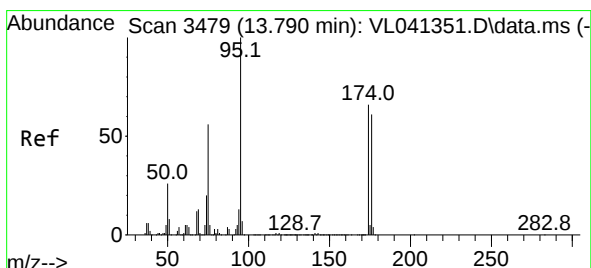
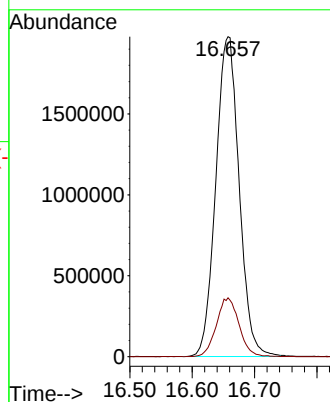
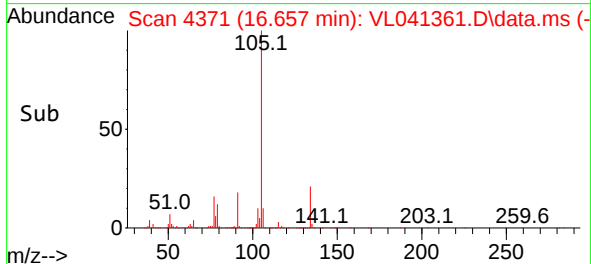
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0626ABS01



Tgt Ion:105 Resp: 513198
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.2 21.2

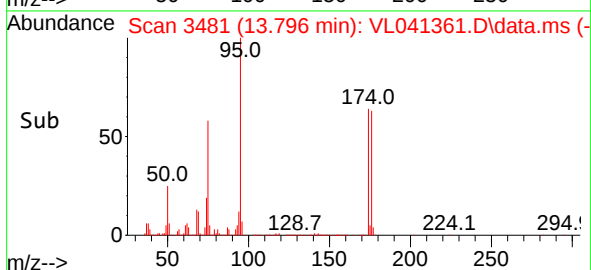
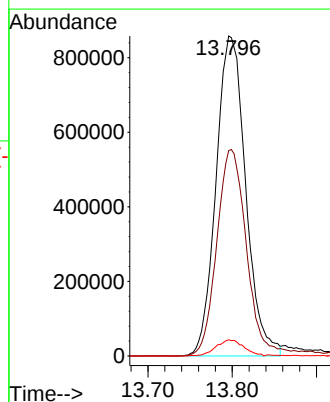
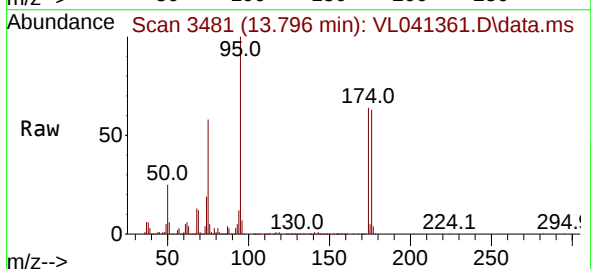
Manual Integrations
 APPROVED

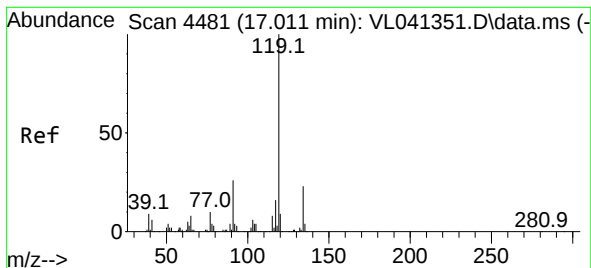
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.726 ppbv
 RT: 13.796 min Scan# 3481
 Delta R.T. 0.003 min
 Lab File: VL041361.D
 Acq: 26 Jun 2024 16:16

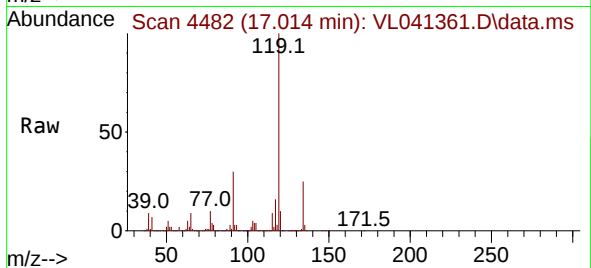
Tgt Ion: 95 Resp: 2097138
 Ion Ratio Lower Upper
 95 100
 174 66.6 53.1 79.7
 175 4.8 4.0 6.0





#69
p-Isopropyltoluene
Concen: 8.515 ppbv
RT: 17.014 min Scan# 4481
Delta R.T. -0.000 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

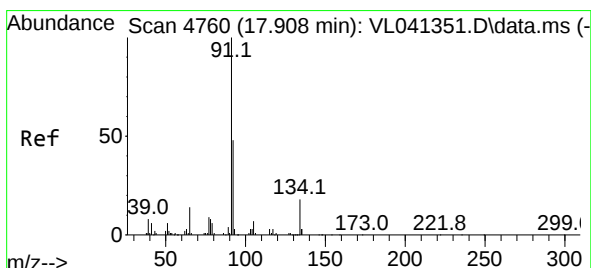
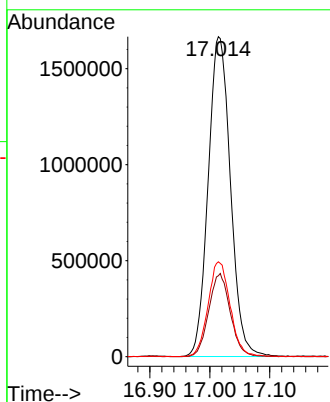
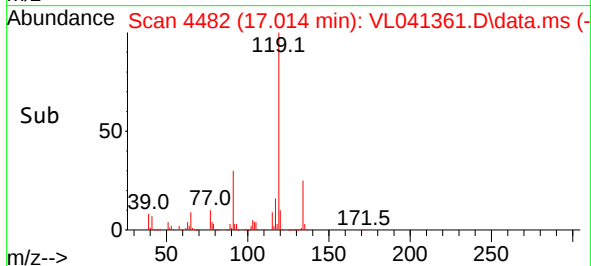
Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01



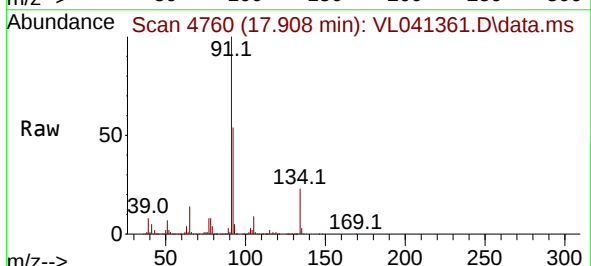
Tgt Ion:119 Resp: 4298008
Ion Ratio Lower Upper
119 100
134 25.2 20.0 30.0
91 29.2 23.7 35.5

Manual Integrations
APPROVED

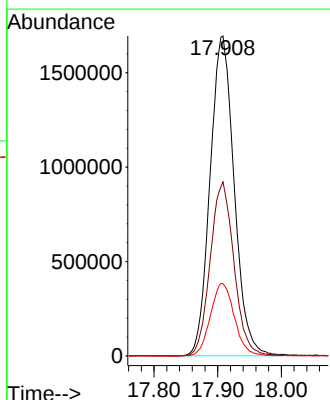
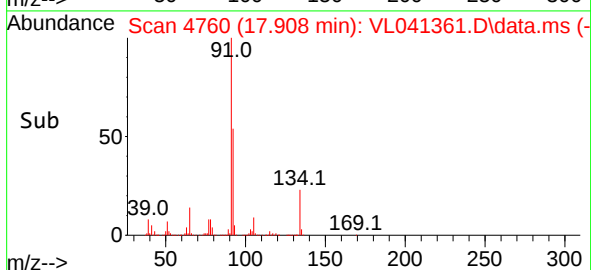
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

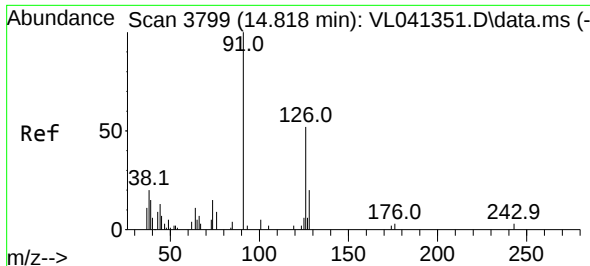


#70
n-Butylbenzene
Concen: 8.647 ppbv
RT: 17.908 min Scan# 4760
Delta R.T. 0.006 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16



Tgt Ion: 91 Resp: 4461391
Ion Ratio Lower Upper
91 100
92 53.7 43.0 64.6
134 22.7 18.0 27.0





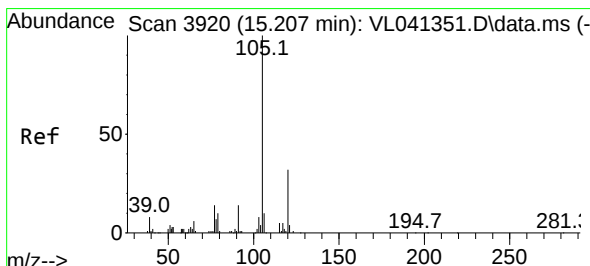
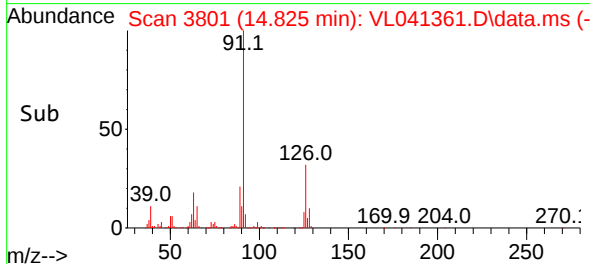
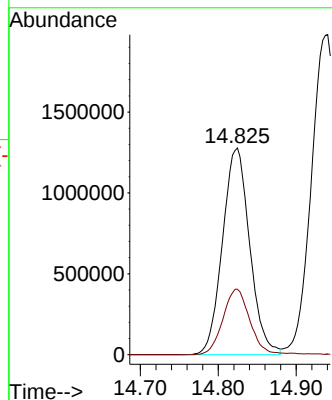
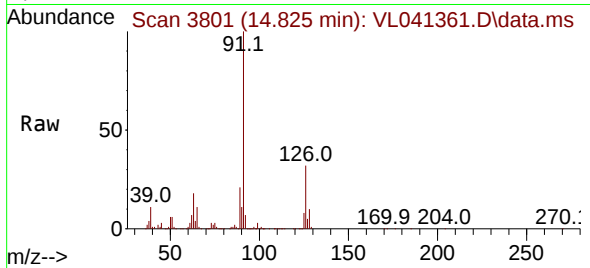
#71
2-Chlorotoluene
Concen: 8.601 ppbv
RT: 14.825 min Scan# 3801
Delta R.T. 0.006 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01

Tgt Ion: 91 Resp: 3100835
Ion Ratio Lower Upper
91 100
126 32.0 12.9 51.7

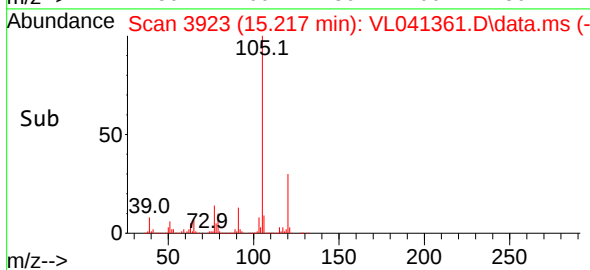
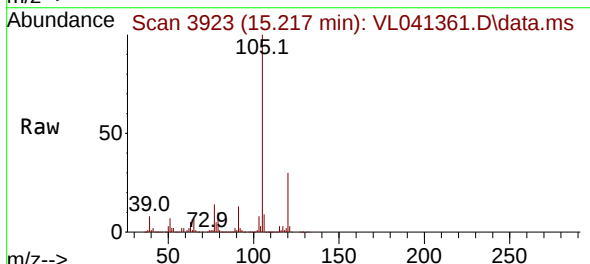
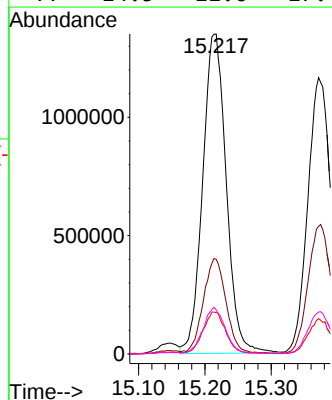
Manual Integrations
APPROVED

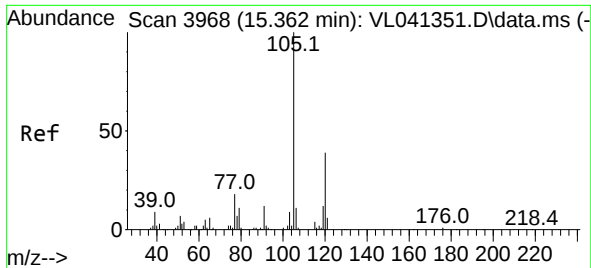
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#72
4-Ethyltoluene
Concen: 8.898 ppbv
RT: 15.217 min Scan# 3923
Delta R.T. 0.006 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Tgt Ion:105 Resp: 3331485
Ion Ratio Lower Upper
105 100
120 30.4 24.2 36.4
91 12.5 10.2 15.2
77 14.5 11.6 17.4





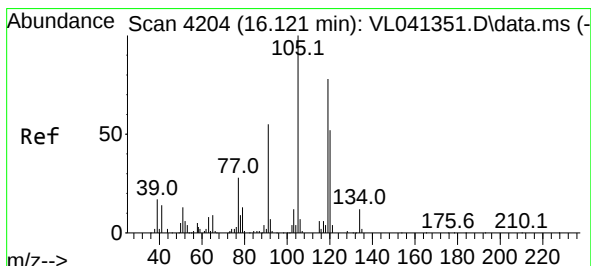
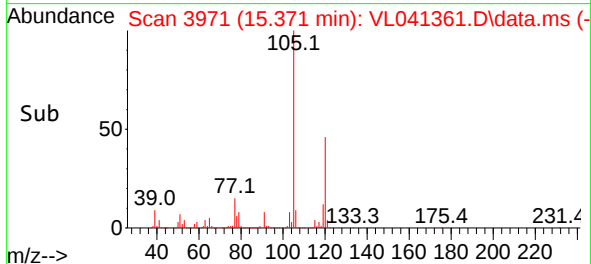
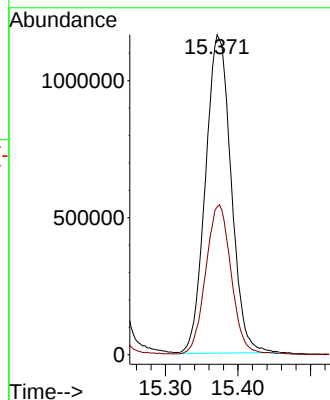
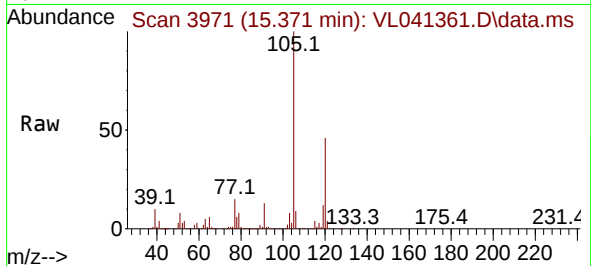
#73
1,3,5-Trimethylbenzene
Concen: 8.890 ppbv
RT: 15.371 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01

Tgt Ion:105 Resp: 284918
Ion Ratio Lower Upper
105 100
120 46.2 37.3 55.9

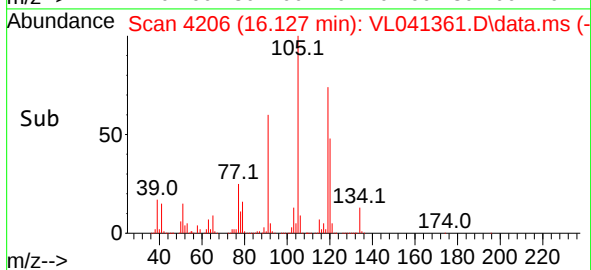
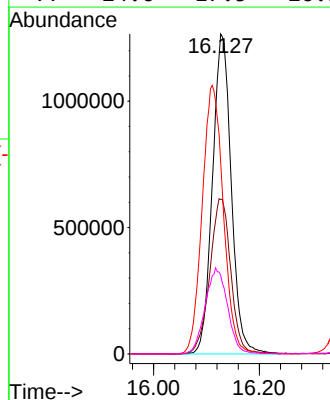
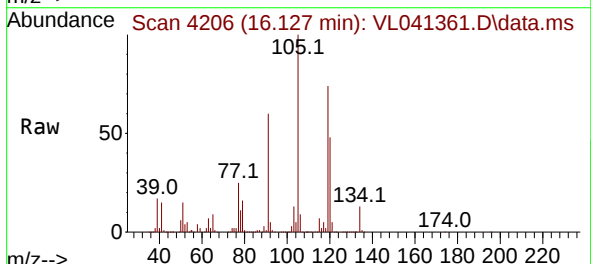
Manual Integrations
APPROVED

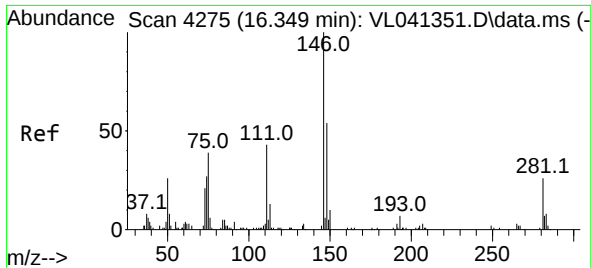
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#74
1,2,4-Trimethylbenzene
Concen: 8.670 ppbv
RT: 16.127 min Scan# 4206
Delta R.T. -0.000 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Tgt Ion:105 Resp: 3131072
Ion Ratio Lower Upper
105 100
120 48.3 37.8 56.8
91 59.9 38.0 57.0#
77 24.6 17.5 26.3





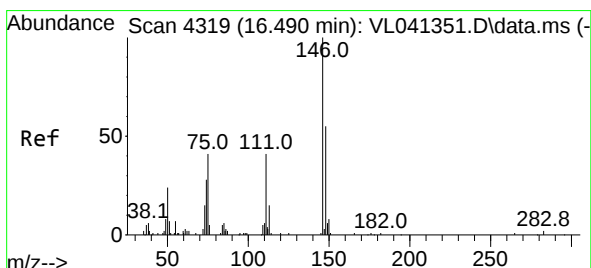
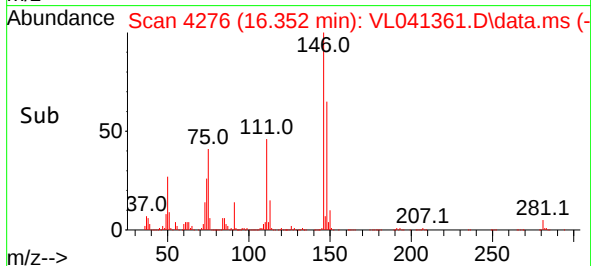
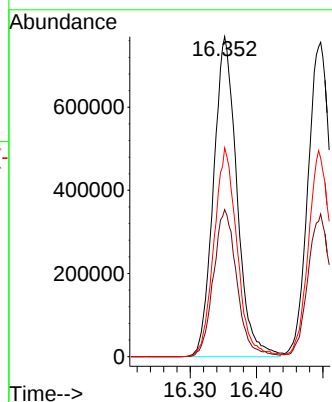
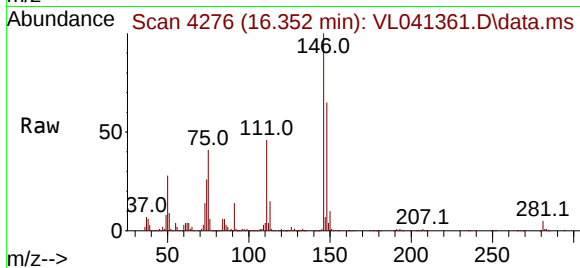
#75
1,3-Dichlorobenzene
Concen: 8.799 ppbv
RT: 16.352 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01

Tgt Ion:146 Resp: 188503
Ion Ratio Lower Upper
146 100
111 45.9 23.5 70.5
148 64.4 32.3 96.9

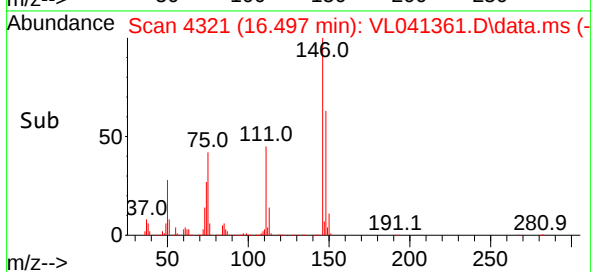
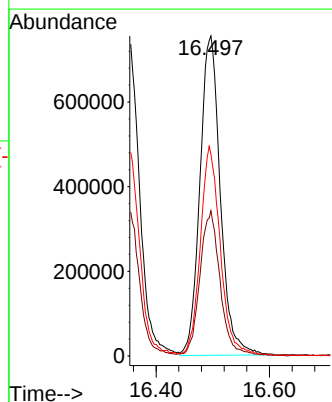
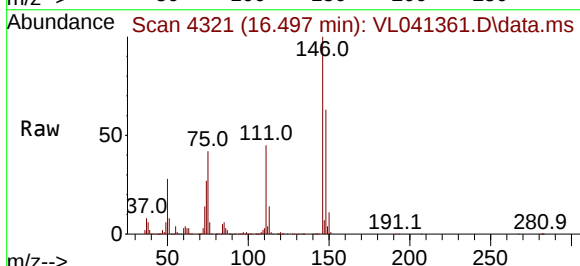
Manual Integrations
APPROVED

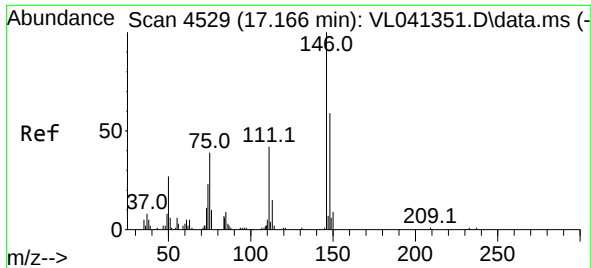
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#76
1,4-Dichlorobenzene
Concen: 8.845 ppbv
RT: 16.497 min Scan# 4321
Delta R.T. 0.006 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

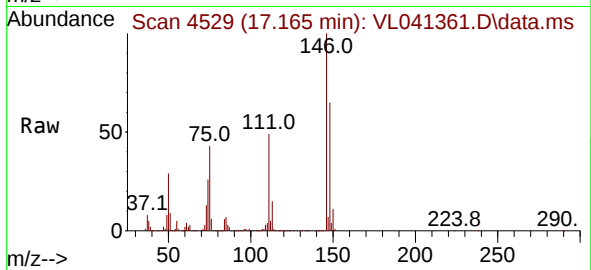
Tgt Ion:146 Resp: 1887823
Ion Ratio Lower Upper
146 100
111 45.3 22.9 68.8
148 64.5 32.8 98.3





#77
1,2-Dichlorobenzene
Concen: 8.348 ppbv
RT: 17.165 min Scan# 4529
Delta R.T. 0.006 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16

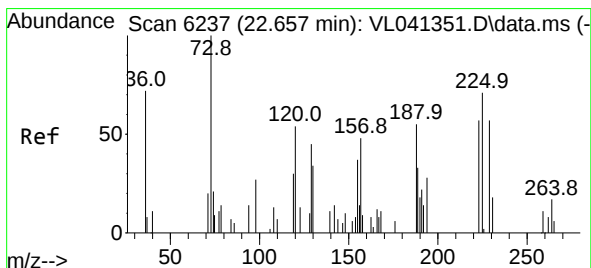
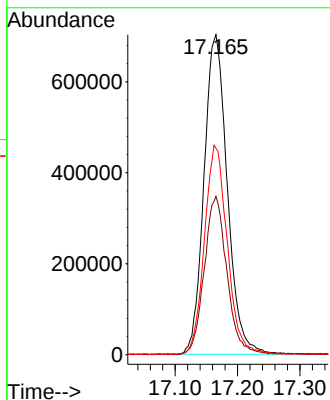
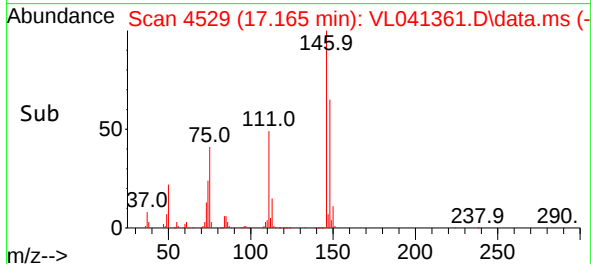
Instrument :
MSVOA_L
ClientSampleId :
VL0626ABS01



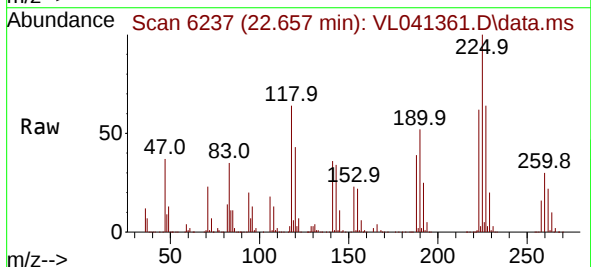
Tgt Ion:146 Resp: 182322
Ion Ratio Lower Upper
146 100
111 48.3 24.1 72.2
148 64.6 31.9 95.9

Manual Integrations
APPROVED

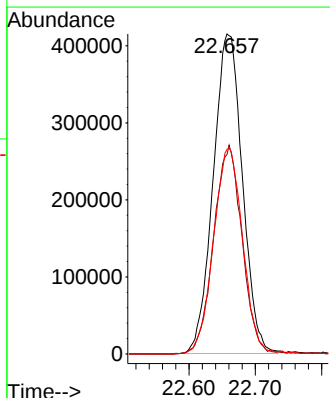
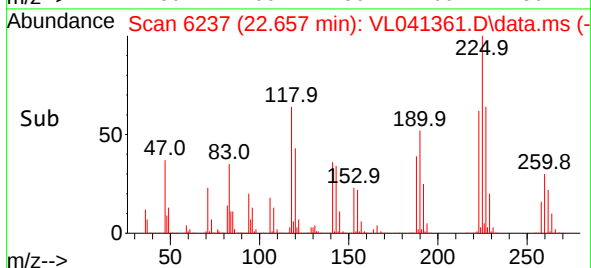
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

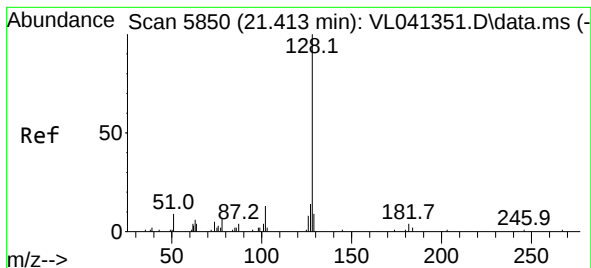


#78
Hexachloro-1,3-Butadiene
Concen: 7.973 ppbv
RT: 22.657 min Scan# 6237
Delta R.T. -0.003 min
Lab File: VL041361.D
Acq: 26 Jun 2024 16:16



Tgt Ion:225 Resp: 1266572
Ion Ratio Lower Upper
225 100
223 63.9 51.3 76.9
227 64.8 51.8 77.8





#79

Naphthalene

Concen: 11.960 ppbv

RT: 21.419 min Scan# 5850

Delta R.T. 0.006 min

Lab File: VL041361.D

Acq: 26 Jun 2024 16:16

Instrument :

MSVOA_L

ClientSampleId :

VL0626ABS01

Tgt Ion:128 Resp: 232285

Ion Ratio Lower Upper

128 100

127 11.7 10.8 16.2

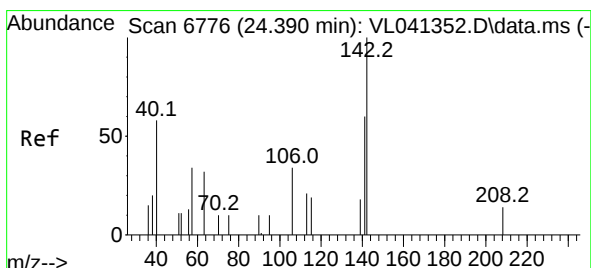
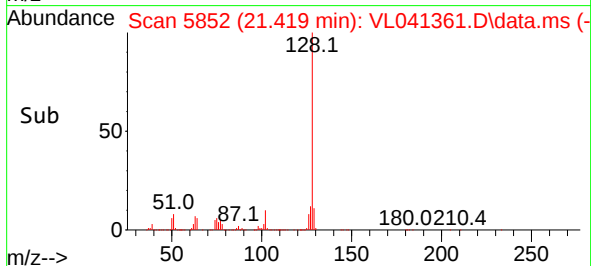
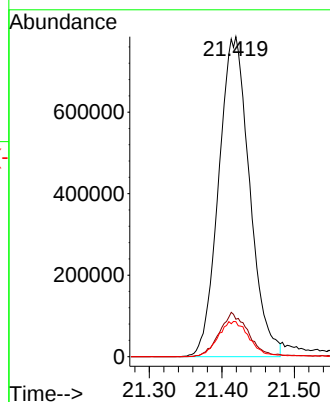
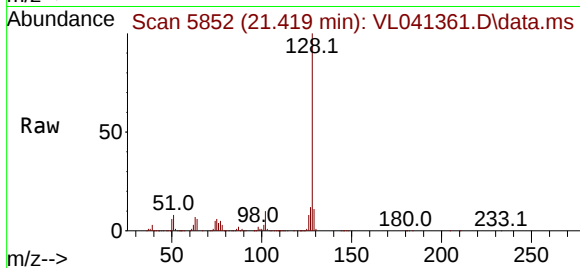
129 11.0 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#80

Naphthalene,2-methyl-

Concen: 7.311 ppbv m

RT: 24.400 min Scan# 6779

Delta R.T. 0.010 min

Lab File: VL041361.D

Acq: 26 Jun 2024 16:16

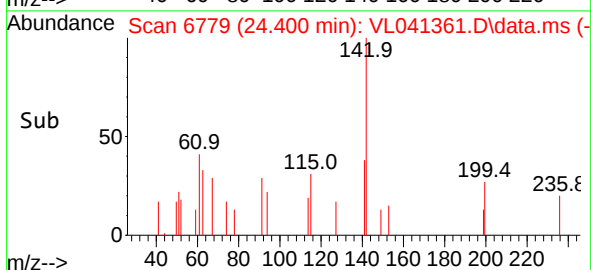
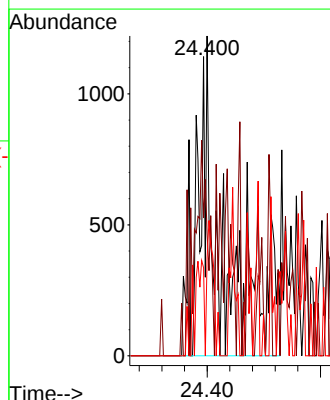
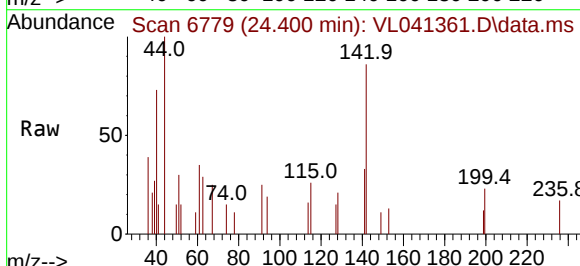
Tgt Ion:142 Resp: 3737

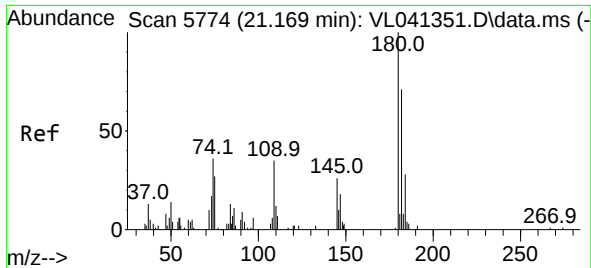
Ion Ratio Lower Upper

142 100

141 48.5 37.9 56.9

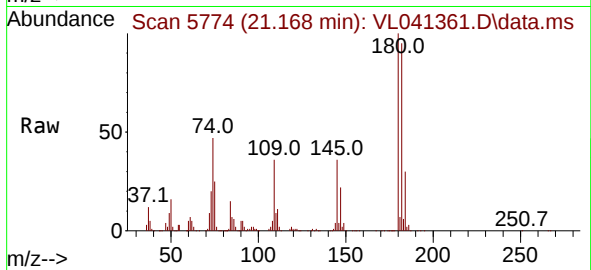
115 22.3 11.0 16.4#





#81
 1,2,4-Trichlorobenzene
 Concen: 10.345 ppbv
 RT: 21.168 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL041361.D
 Acq: 26 Jun 2024 16:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0626ABS01



Tgt Ion:180 Resp: 124179

Ion	Ratio	Lower	Upper
180	100		
182	99.0	78.1	117.1
184	31.3	25.2	37.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024

