

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041469.D
 Acq On : 1 Aug 2024 8:26
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/02/2024
 Supervised By : Mahesh Dadoda 08/03/2024

Quant Time: Aug 02 03:16:36 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Fri Aug 02 03:13:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	979040	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2694005	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2778670m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.774 95 2039503 9.538 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.729	85	1379390	8.190	ppbv	100
3) Chlorodifluoromethane	2.674	51	1206576	10.352	ppbv	100
4) Chloromethane	2.813	50	632080	10.196	ppbv	100
5) Vinyl Chloride	2.922	62	642911	10.522	ppbv	99
6) Bromomethane	3.118	94	344381	10.966	ppbv	98
7) Chloroethane	3.195	64	228571	10.839	ppbv	95
8) Dichlorotetrafluoroethane	2.858	85	1559098	10.447	ppbv	98
9) Propene	2.694	41	547723	10.230	ppbv	99
10) Heptane	7.578	43	1358142	11.290	ppbv	99
11) Trichlorofluoromethane	3.562	101	1530982	10.235	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.063	101	1121639	10.413	ppbv	99
13) Ethanol	3.247	45	40042	8.368	ppbv	95
14) Bromoethene	3.362	108	448769	10.687	ppbv	100
15) Acetone	3.465	43	1125392	10.117	ppbv	100
16) 1,3-Butadiene	2.986	39	644102	10.838	ppbv	98
17) tert-Butyl alcohol	3.874	59	1158971	11.424	ppbv	100
18) 1,1-Dichloroethene	3.877	96	496171	10.769	ppbv	97
19) Isopropyl Alcohol	3.575	45	753741	11.590	ppbv	99
20) Methylene Chloride	3.931	84	424966	10.245	ppbv	97
21) Allyl Chloride	3.996	41	797538	10.932	ppbv	99
22) trans-1,2-Dichloroethene	4.443	96	503243	10.924	ppbv	100
23) Vinyl Acetate	4.626	43	983130	11.572	ppbv #	98
24) 1,1-Dichloroethane	4.562	63	1063455	10.631	ppbv	99
25) Ethyl Acetate	5.202	43	2412523	10.917	ppbv	100
26) Hexane	5.211	57	1007277	10.988	ppbv	99
27) Carbon Disulfide	4.121	76	1186899	11.067	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	604138	10.450	ppbv	99
29) Chloroform	5.272	83	1568738	10.491	ppbv	98
30) Cyclohexane	6.597	84	853980	11.439	ppbv	100
31) cis-1,2-Dichloroethene	5.076	61	979343	10.814	ppbv	99
32) 1,1,1-Trichloroethane	5.999	97	1549930	10.648	ppbv	99
34) 2-Butanone	4.784	43	1450016	11.127	ppbv	99
35) Carbon Tetrachloride	6.491	117	1637128	11.018	ppbv	100
36) Benzene	6.369	78	2144248	10.893	ppbv	99
37) 1,2-Dichloroethane	5.806	62	1205519	10.942	ppbv	100
38) Trichloroethene	7.288	130	988684	10.963	ppbv	99
39) 1,2-Dichloropropane	7.070	63	822720	10.917	ppbv	95
40) 1,4-Dioxane	7.279	88	348979	11.527	ppbv	97
41) Tetrahydrofuran	5.552	42	852230	11.434	ppbv	100
42) Bromodichloromethane	7.250	83	1732711	10.891	ppbv	99
43) Methyl Methacrylate	7.472	69	843632	11.951	ppbv	97
44) 2,2,4-Trimethylpentane	7.324	57	3600389	10.951	ppbv	100
45) t-1,3-Dichloropropene	8.709	75	867487	13.352	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041469.D
 Acq On : 1 Aug 2024 8:26
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

Quant Time: Aug 02 03:16:36 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

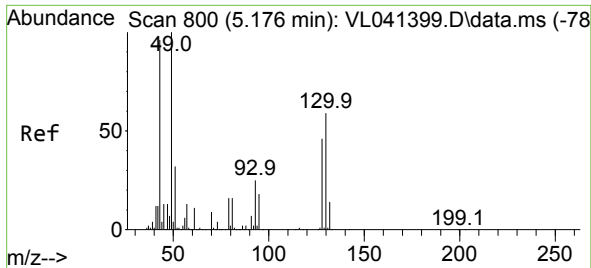
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Fri Aug 02 03:13:29 2024

Response via : Initial Calibration

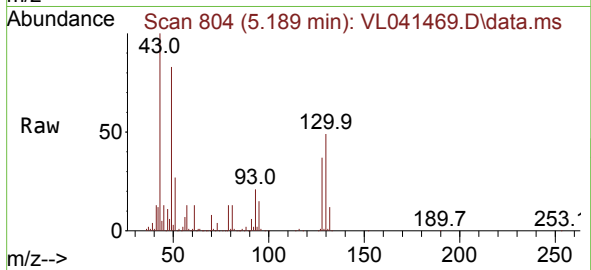
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1156968	12.331	ppbv	97
47) 1,1,2-Trichloroethane	8.896	97	901356	10.850	ppbv	97
48) Dibromochloromethane	9.709	129	1513890	11.312	ppbv	99
49) Bromoform	12.404	173	1330550	11.770	ppbv	100
50) 4-Methyl-2-Pentanone	8.179	43	2388067	11.615	ppbv	100
51) 2-Hexanone	9.545	43	1941778	12.490	ppbv #	99
52) Tetrachloroethene	10.613	164	818556	10.762	ppbv	97
53) Toluene	9.221	91	2522110	11.503	ppbv	100
54) 1,2-Dibromoethane	10.008	107	1301300	11.769	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.504	131	1095567	10.167	ppbv #	59
57) Chlorobenzene	11.523	112	1956993	9.892	ppbv	99
58) Ethyl Benzene	12.085	91	3425464	10.695	ppbv	99
59) m/p-Xylene	12.368	91	5821066m	21.055	ppbv	
60) o-Xylene	13.057	91	2799755	10.705	ppbv	100
61) Styrene	12.896	104	1374201	11.647	ppbv	99
62) Isopropylbenzene	14.028	105	4062180	10.217	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.047	83	1716233	10.392	ppbv	100
64) n-propylbenzene	14.912	120	1093284	10.518	ppbv	97
65) tert-Butylbenzene	16.089	119	3664775	10.205	ppbv	100
66) Benzyl Chloride	16.326	91	279355	12.128	ppbv	99
67) sec-Butylbenzene	16.632	105	5128648	10.365	ppbv	100
69) p-Isopropyltoluene	16.992	119	4306845	10.490	ppbv	100
70) n-Butylbenzene	17.883	91	4448253	10.568	ppbv	100
71) 2-Chlorotoluene	14.799	91	3061039	10.440	ppbv	100
72) 4-Ethyltoluene	15.191	105	3360877	10.915	ppbv	99
73) 1,3,5-Trimethylbenzene	15.349	105	2868332	10.813	ppbv	100
74) 1,2,4-Trimethylbenzene	16.108	105	3204898	10.392	ppbv	97
75) 1,3-Dichlorobenzene	16.326	146	1992371	10.277	ppbv	100
76) 1,4-Dichlorobenzene	16.471	146	1940194	10.336	ppbv	100
77) 1,2-Dichlorobenzene	17.140	146	1952482	10.160	ppbv	100
78) Hexachloro-1,3-Butadiene	22.628	225	1479561	9.028	ppbv	99
79) Naphthalene	21.381	128	3343125	12.282	ppbv	98
80) Naphthalene,2-methyl-	24.368	142	2818526	12.353	ppbv	99
81) 1,2,4-Trichlorobenzene	21.137	180	1735016	10.711	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

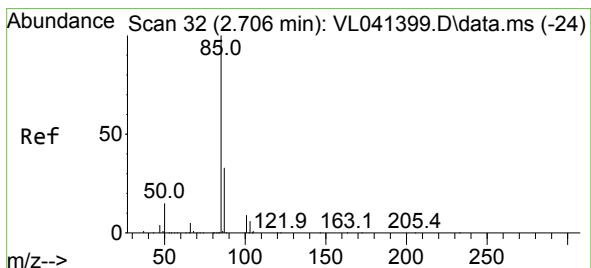
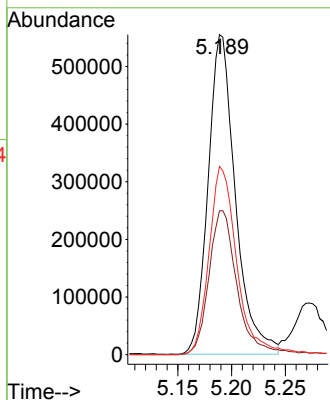
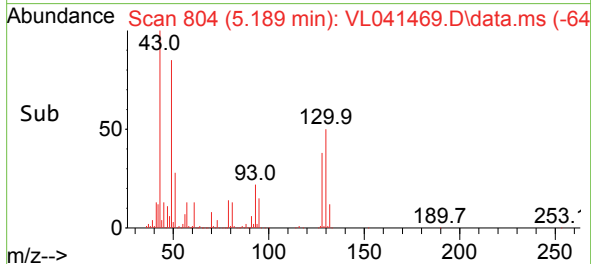
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 979040
Ion Ratio Lower Upper
49 100
128 47.7 23.8 71.4
130 61.2 30.8 92.4

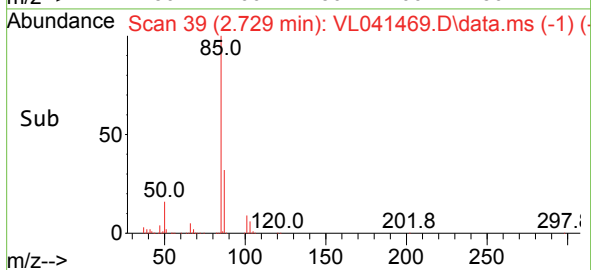
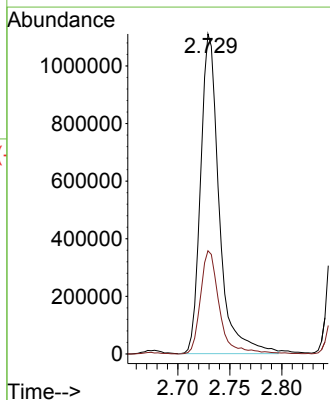
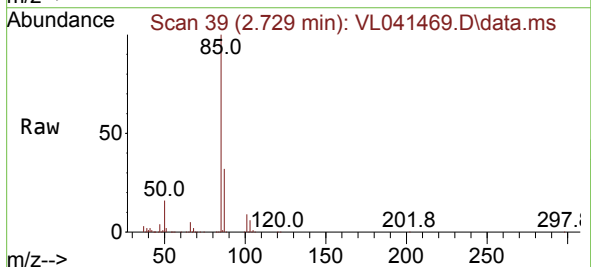
Manual Integrations
APPROVED

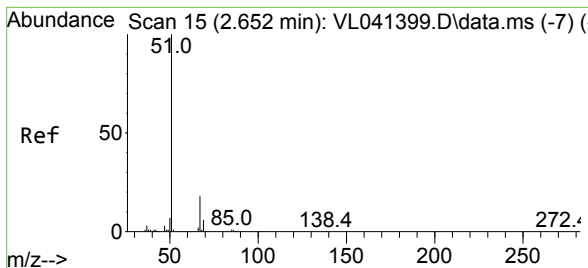
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#2
Dichlorodifluoromethane
Concen: 8.190 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

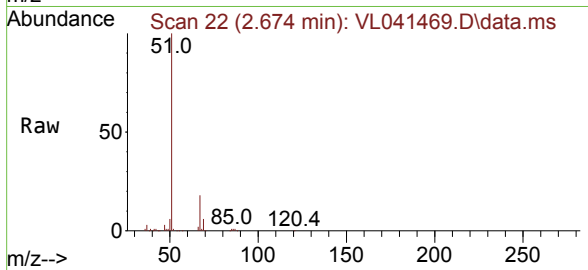
Tgt Ion: 85 Resp: 1379390
Ion Ratio Lower Upper
85 100
87 32.3 26.0 39.0





#3
Chlorodifluoromethane
Concen: 10.352 ppbv
RT: 2.674 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

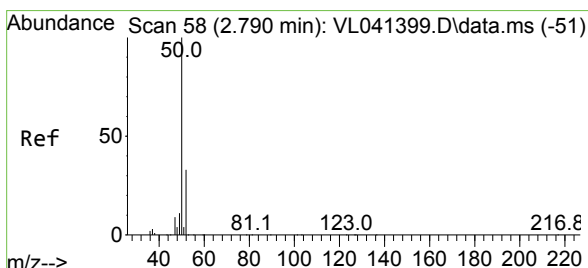
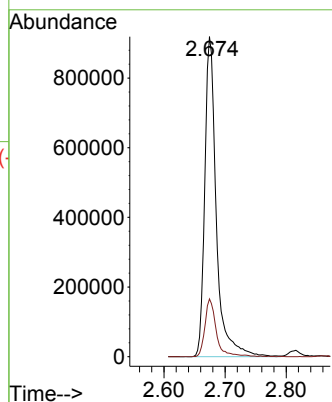
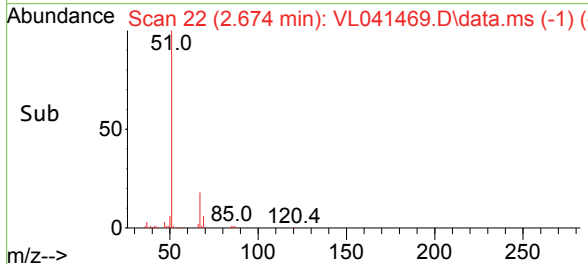
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



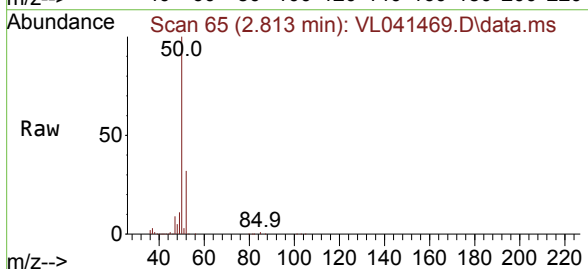
Tgt Ion: 51 Resp: 1206570
Ion Ratio Lower Upper
51 100
67 18.0 14.5 21.7

Manual Integrations
APPROVED

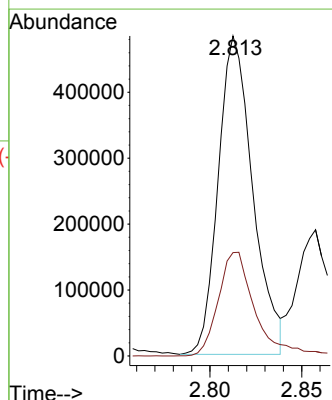
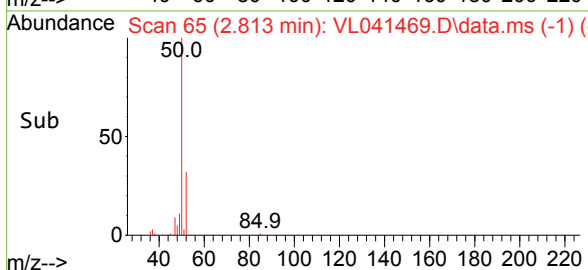
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

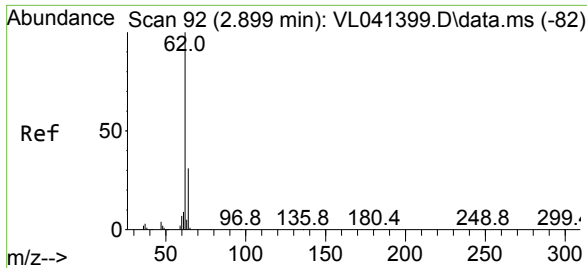


#4
Chloromethane
Concen: 10.196 ppbv
RT: 2.813 min Scan# 65
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26



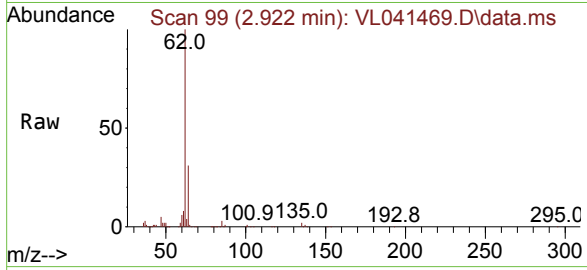
Tgt Ion: 50 Resp: 632080
Ion Ratio Lower Upper
50 100
52 32.4 26.1 39.1





#5
 Vinyl Chloride
 Concen: 10.522 ppbv
 RT: 2.922 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VL041469.D
 Acq: 1 Aug 2024 8:26

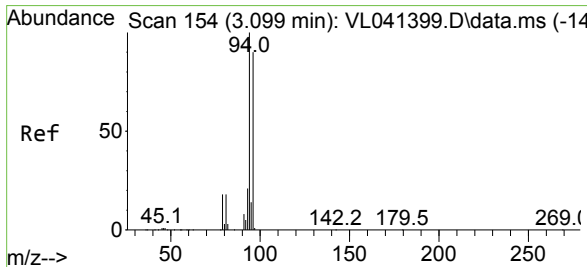
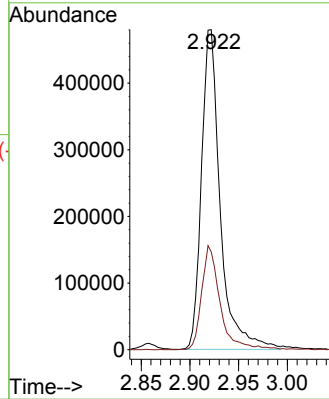
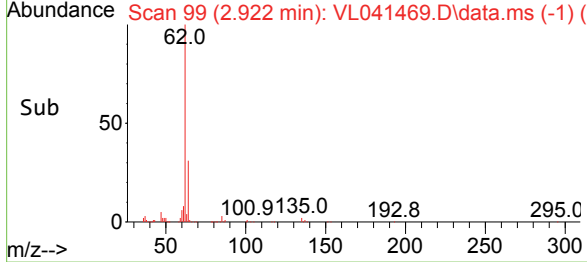
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



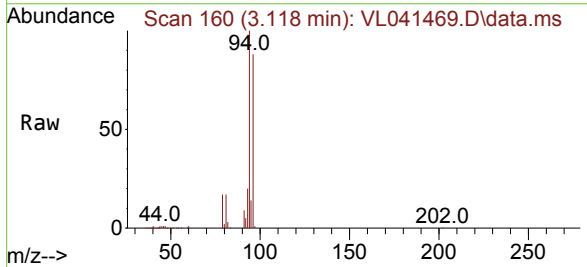
Tgt Ion: 62 Resp: 64291
 Ion Ratio Lower Upper
 62 100
 64 30.5 25.0 37.4

Manual Integrations
 APPROVED

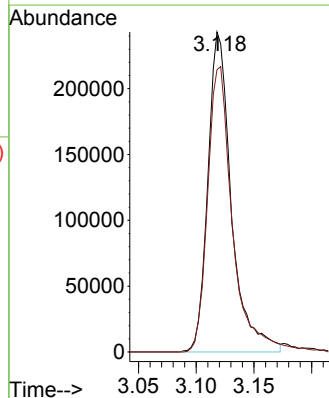
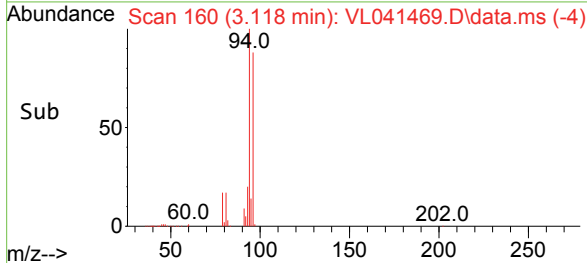
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

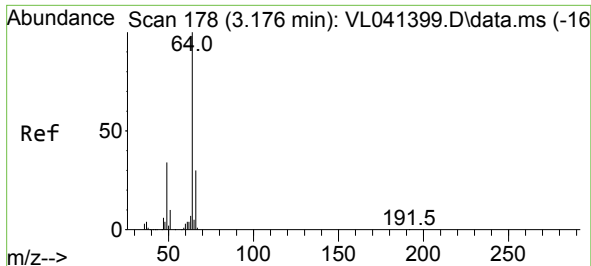


#6
 Bromomethane
 Concen: 10.966 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VL041469.D
 Acq: 1 Aug 2024 8:26



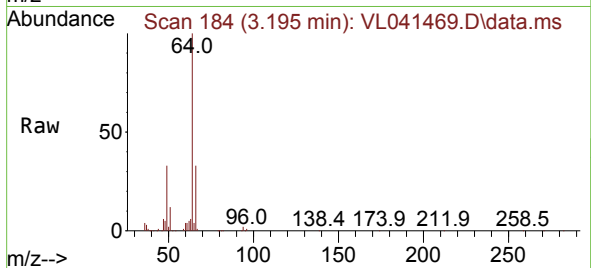
Tgt Ion: 94 Resp: 344381
 Ion Ratio Lower Upper
 94 100
 96 88.2 72.3 108.5





#7
Chloroethane
Concen: 10.839 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

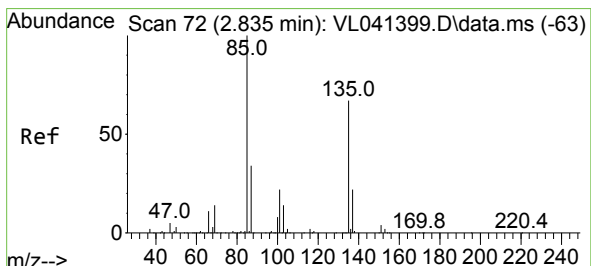
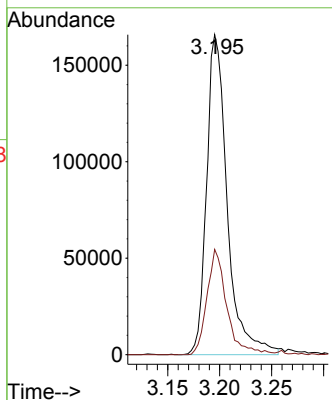
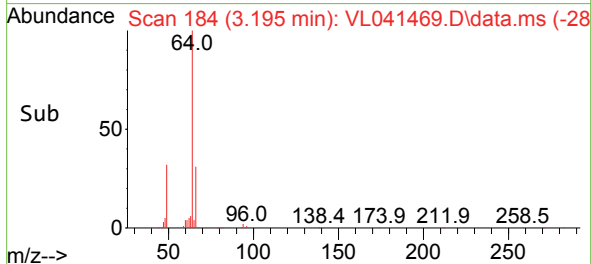
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 22857
Ion Ratio Lower Upper
64 100
66 32.9 24.2 36.2

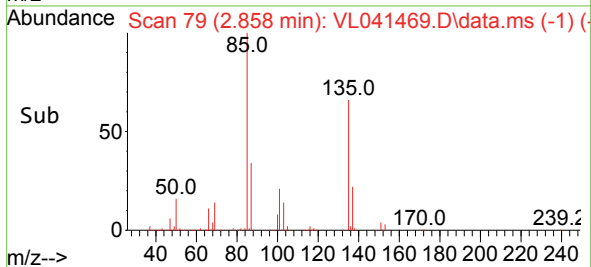
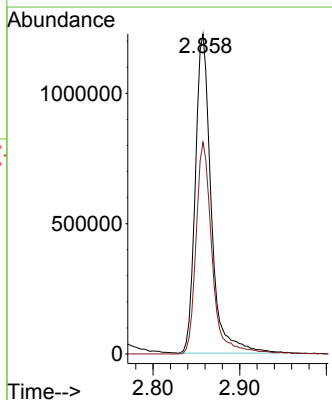
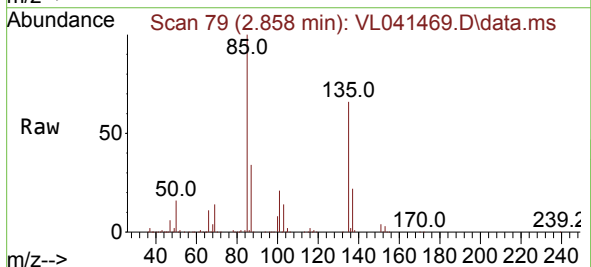
Manual Integrations
APPROVED

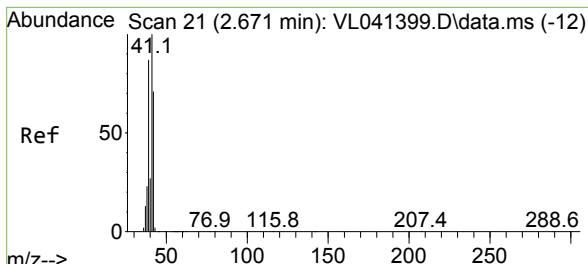
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#8
Dichlorotetrafluoroethane
Concen: 10.447 ppbv
RT: 2.858 min Scan# 79
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

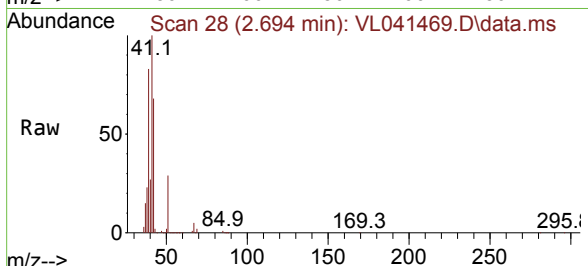
Tgt Ion: 85 Resp: 1559098
Ion Ratio Lower Upper
85 100
135 67.6 55.4 83.0





#9
 Propene
 Concen: 10.230 ppbv
 RT: 2.694 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL041469.D
 Acq: 1 Aug 2024 8:26

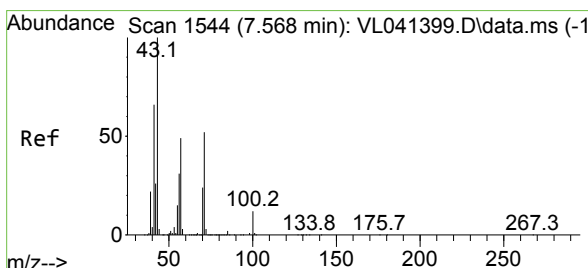
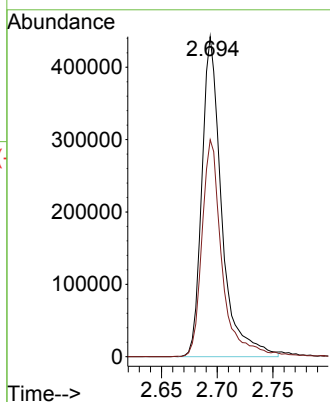
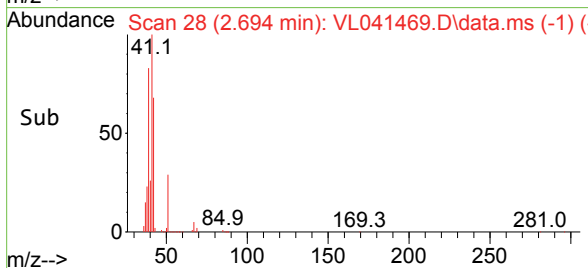
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 547723
 Ion Ratio Lower Upper
 41 100
 42 69.4 55.9 83.9

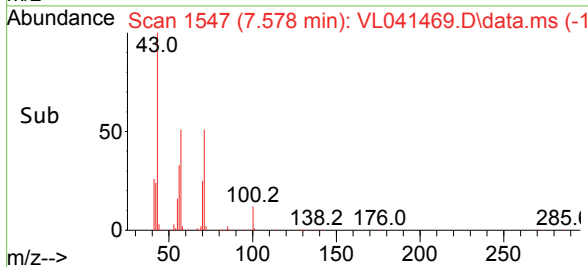
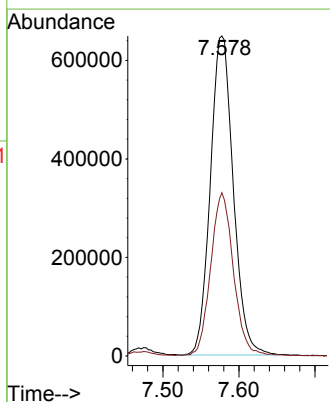
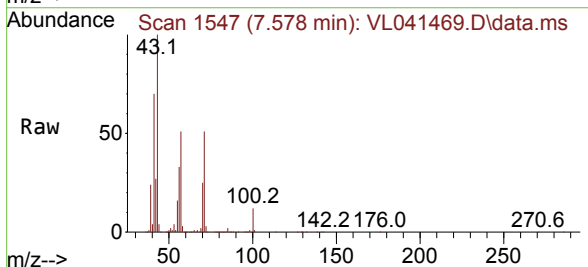
Manual Integrations
 APPROVED

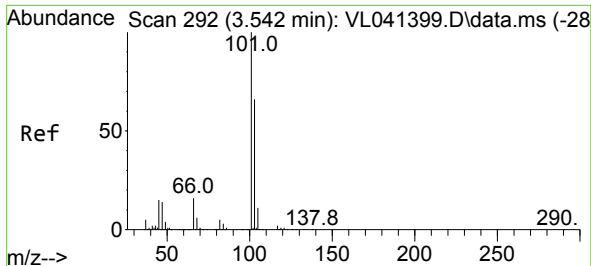
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#10
 Heptane
 Concen: 11.290 ppbv
 RT: 7.578 min Scan# 1547
 Delta R.T. 0.000 min
 Lab File: VL041469.D
 Acq: 1 Aug 2024 8:26

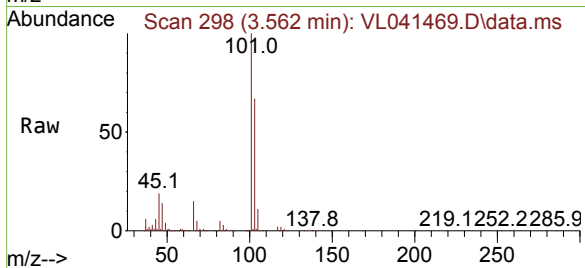
Tgt Ion: 43 Resp: 1358142
 Ion Ratio Lower Upper
 43 100
 57 51.2 40.5 60.7





#11
Trichlorofluoromethane
Concen: 10.235 ppbv
RT: 3.562 min Scan# 292
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

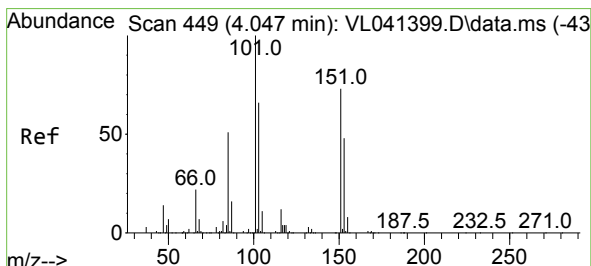
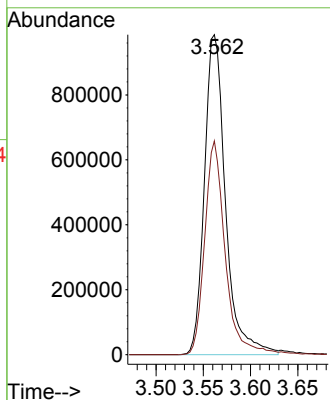
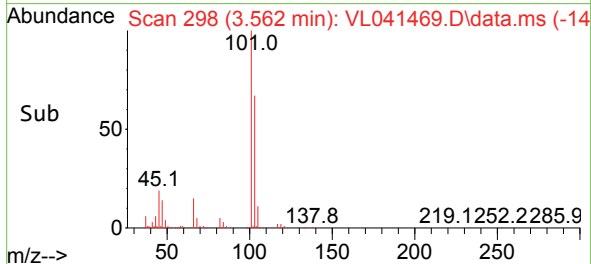
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:101 Resp: 153098
Ion Ratio Lower Upper
101 100
103 66.8 52.6 79.0

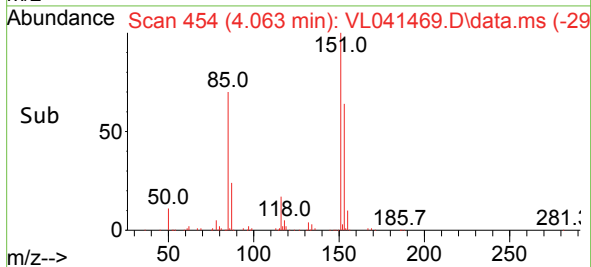
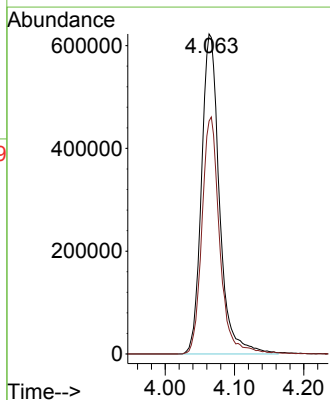
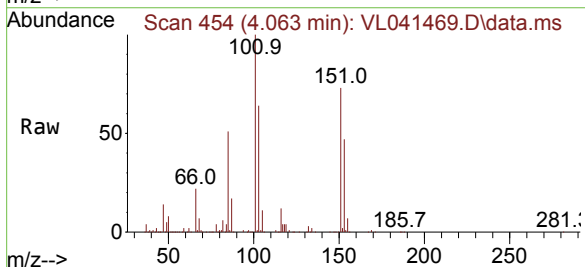
Manual Integrations
APPROVED

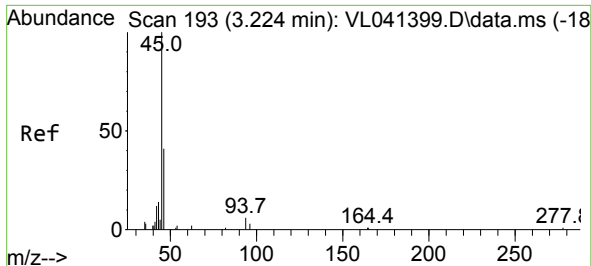
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.413 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

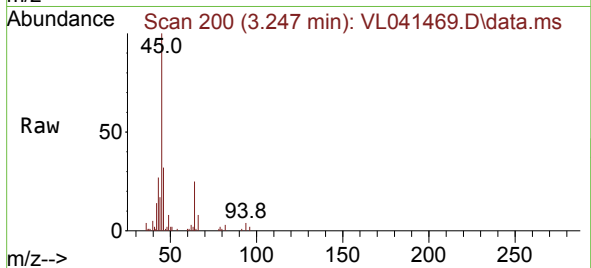
Tgt Ion:101 Resp: 1121639
Ion Ratio Lower Upper
101 100
151 73.2 59.4 89.2





#13
Ethanol
Concen: 8.368 ppbv
RT: 3.247 min Scan# 200
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

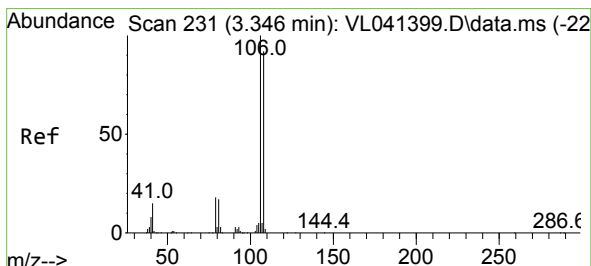
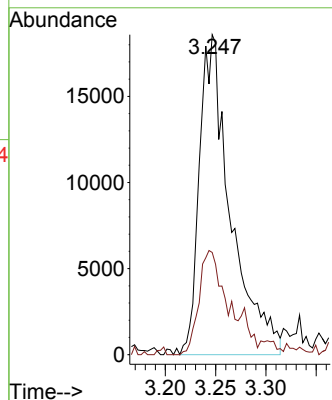
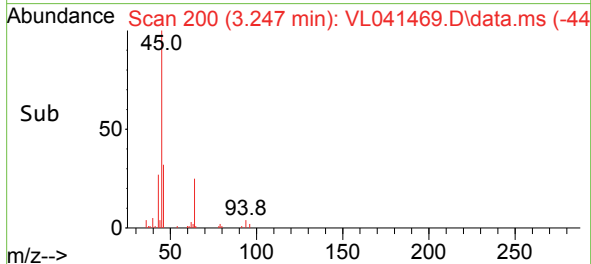
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



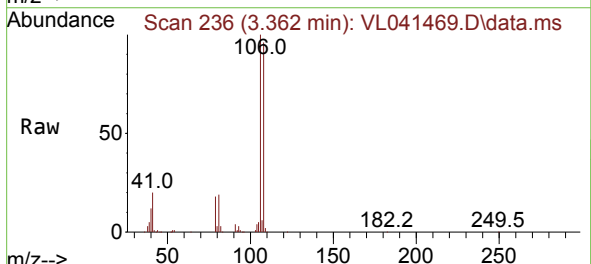
Tgt Ion: 45 Resp: 4004
Ion Ratio Lower Upper
45 100
46 36.0 13.4 53.4

Manual Integrations
APPROVED

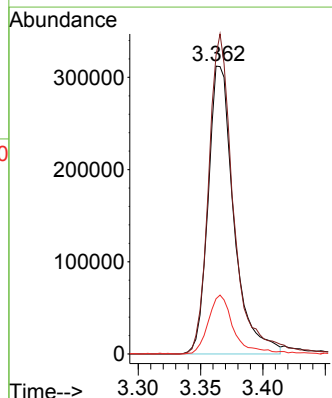
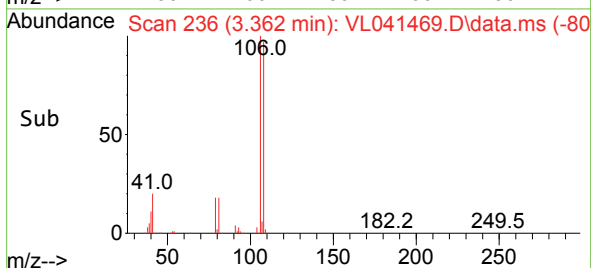
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

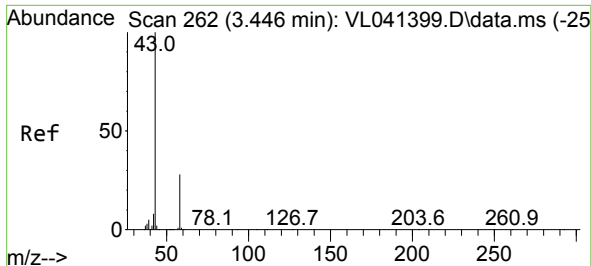


#14
Bromoethene
Concen: 10.687 ppbv
RT: 3.362 min Scan# 236
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26



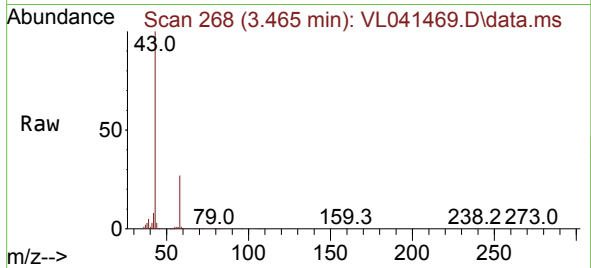
Tgt Ion:108 Resp: 448769
Ion Ratio Lower Upper
108 100
106 108.7 86.9 130.3
79 20.6 16.2 24.4





#15
Acetone
Concen: 10.117 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

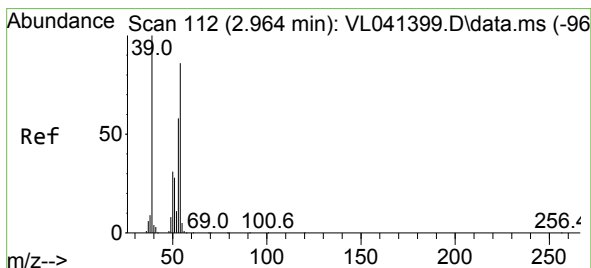
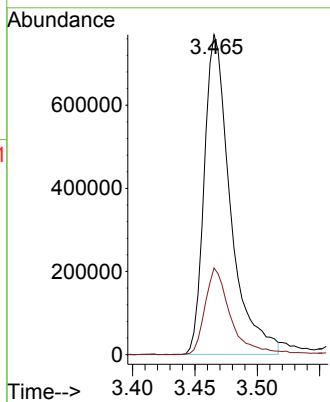
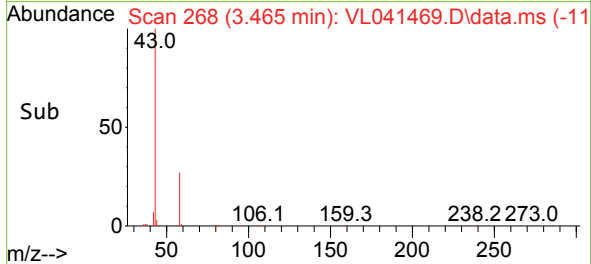
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



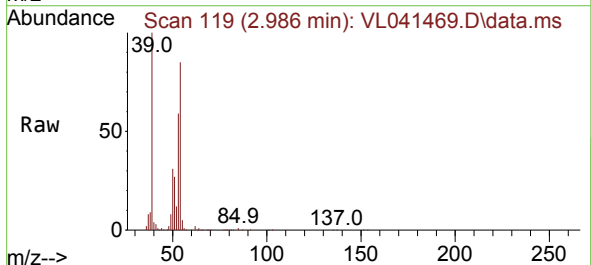
Tgt Ion: 43 Resp: 1125392
Ion Ratio Lower Upper
43 100
58 27.0 21.4 32.2

Manual Integrations
APPROVED

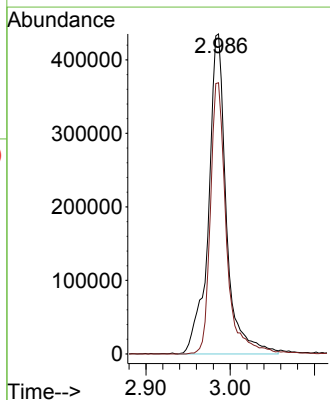
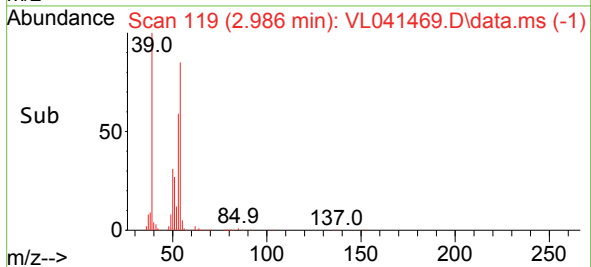
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

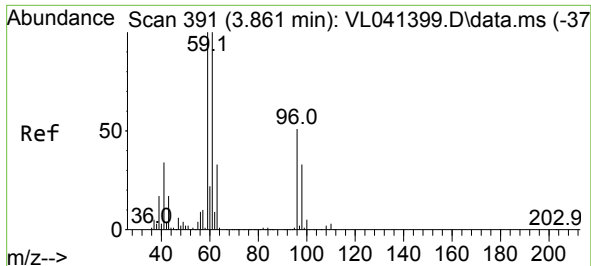


#16
1,3-Butadiene
Concen: 10.838 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26



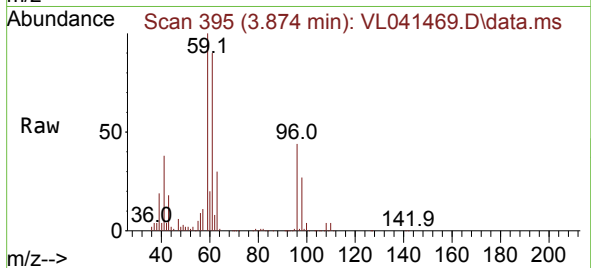
Tgt Ion: 39 Resp: 644102
Ion Ratio Lower Upper
39 100
54 76.2 62.5 93.7





#17
tert-Butyl alcohol
Concen: 11.424 ppbv
RT: 3.874 min Scan# 395
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

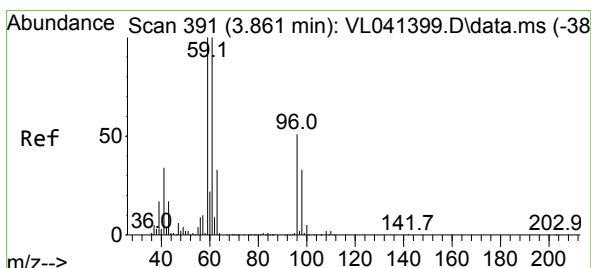
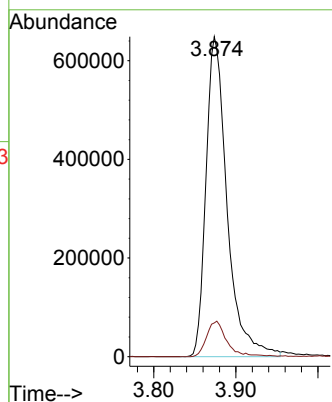
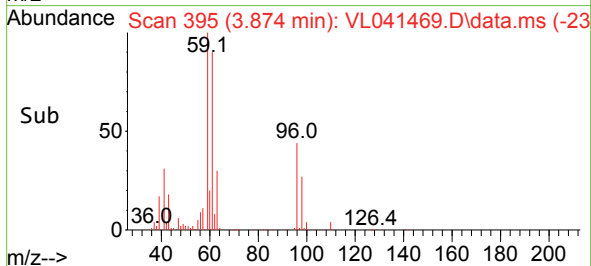
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



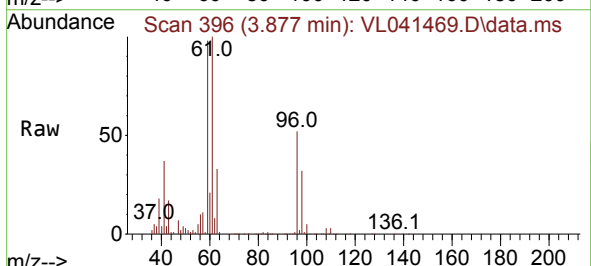
Tgt Ion: 59 Resp: 115897
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

Manual Integrations
APPROVED

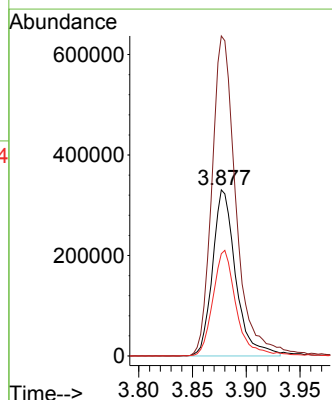
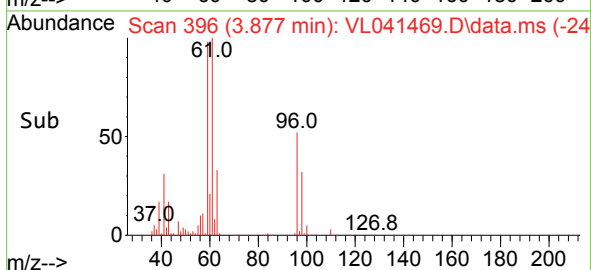
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

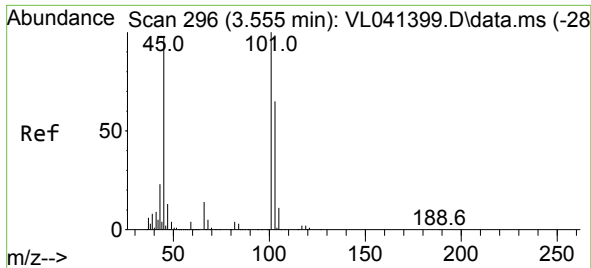


#18
1,1-Dichloroethene
Concen: 10.769 ppbv
RT: 3.877 min Scan# 396
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26



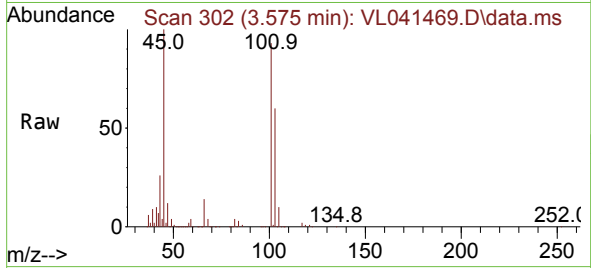
Tgt Ion: 96 Resp: 496171
Ion Ratio Lower Upper
96 100
61 192.7 157.5 236.3
98 61.5 51.2 76.8





#19
Isopropyl Alcohol
Concen: 11.590 ppbv
RT: 3.575 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

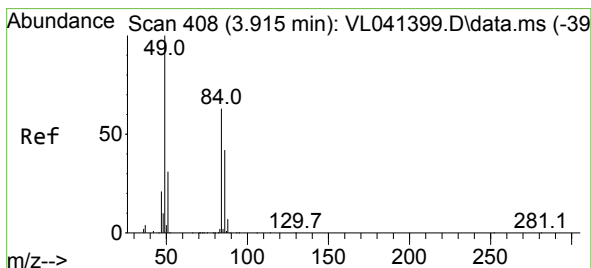
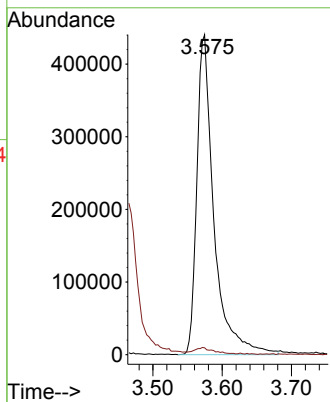
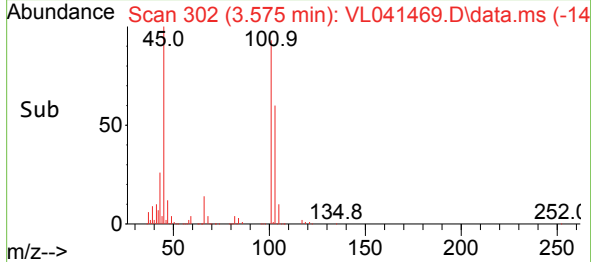
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



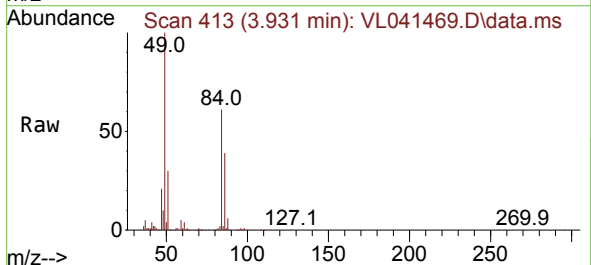
Tgt Ion: 45 Resp: 75374
Ion Ratio Lower Upper
45 100
58 2.9 1.9 2.9

Manual Integrations
APPROVED

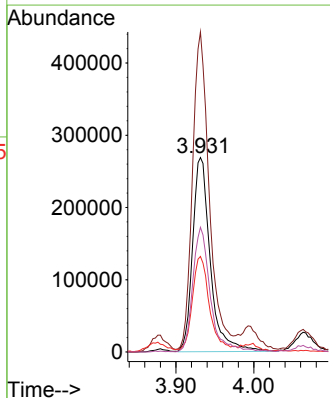
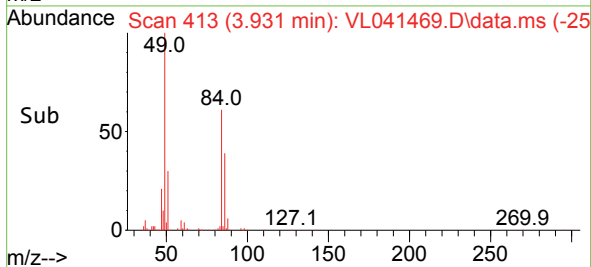
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

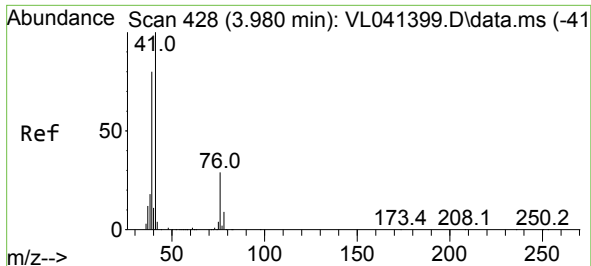


#20
Methylene Chloride
Concen: 10.245 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26



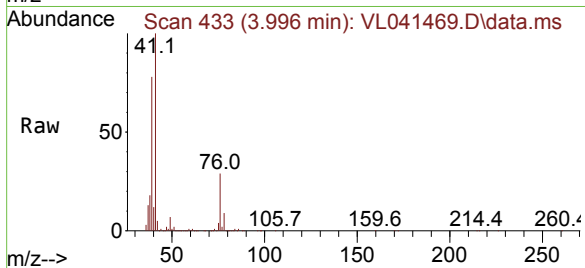
Tgt Ion: 84 Resp: 424966
Ion Ratio Lower Upper
84 100
49 163.7 126.6 190.0
51 48.6 38.6 58.0
86 64.1 53.0 79.4





#21
 Allyl Chloride
 Concen: 10.932 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041469.D
 Acq: 1 Aug 2024 8:26

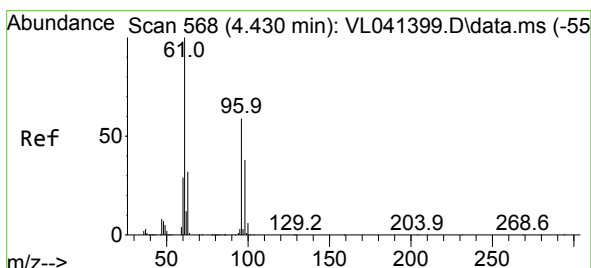
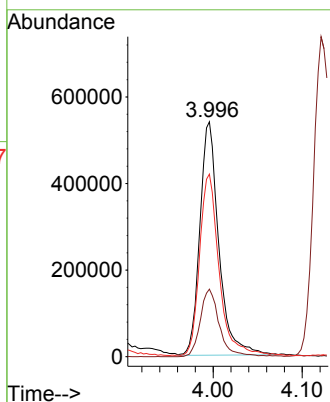
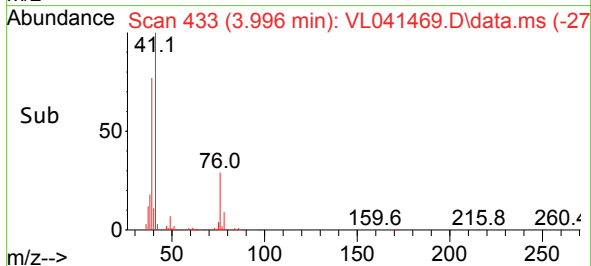
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



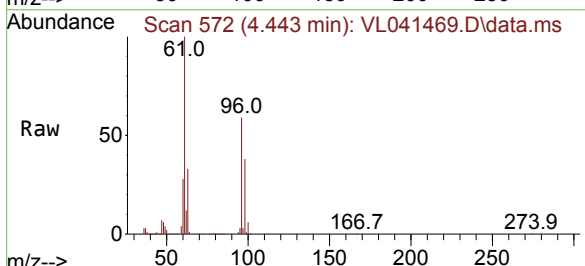
Tgt Ion: 41 Resp: 797538
 Ion Ratio Lower Upper
 41 100
 76 29.4 23.7 35.5
 39 80.9 64.3 96.5

Manual Integrations
 APPROVED

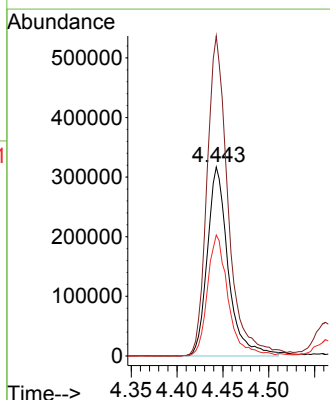
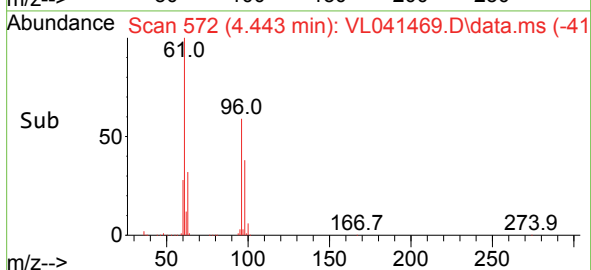
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

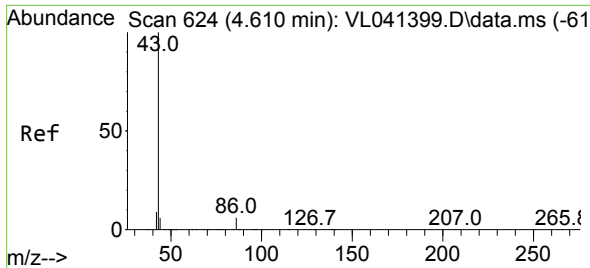


#22
 trans-1,2-Dichloroethene
 Concen: 10.924 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. 0.000 min
 Lab File: VL041469.D
 Acq: 1 Aug 2024 8:26



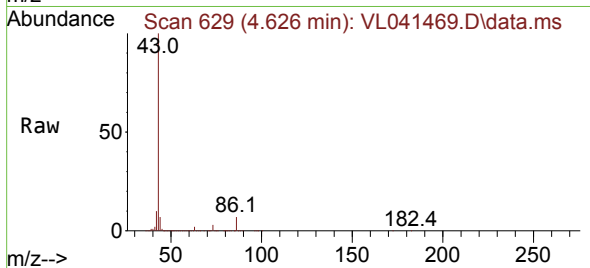
Tgt Ion: 96 Resp: 503243
 Ion Ratio Lower Upper
 96 100
 61 169.4 135.4 203.2
 98 64.0 51.0 76.4





#23
 Vinyl Acetate
 Concen: 11.572 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041469.D
 Acq: 1 Aug 2024 8:26

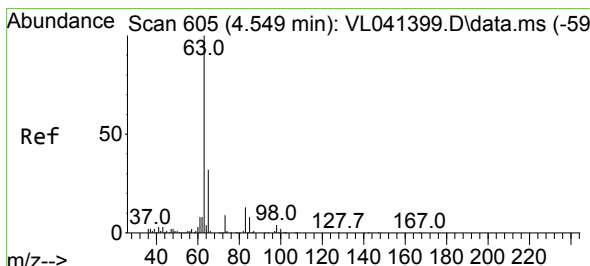
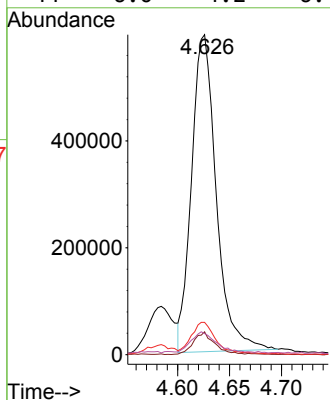
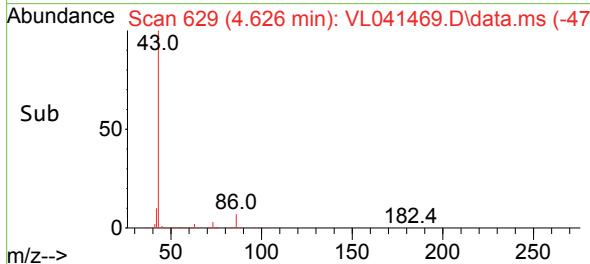
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 43 Resp: 983130
 Ion Ratio Lower Upper
 43 100
 86 7.3 4.6 6.8
 42 10.1 7.9 11.9
 44 6.0 4.2 6.4

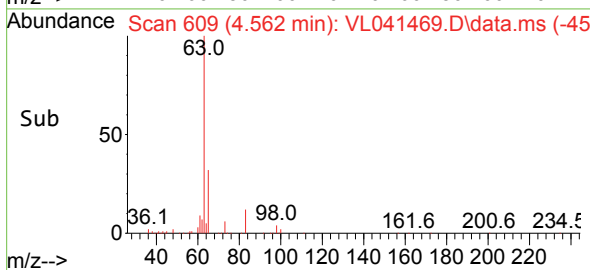
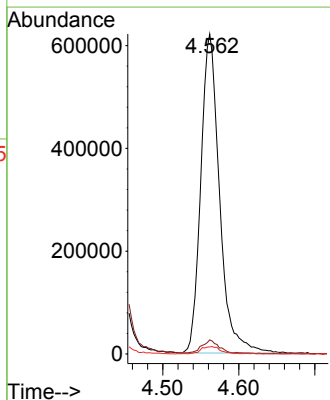
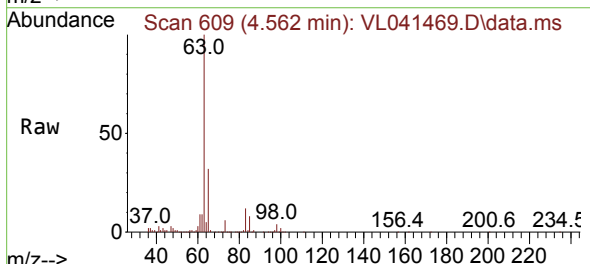
Manual Integrations
 APPROVED

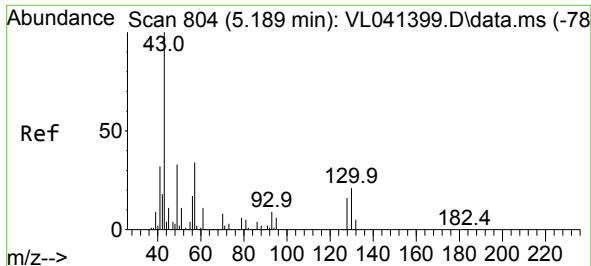
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#24
 1,1-Dichloroethane
 Concen: 10.631 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.000 min
 Lab File: VL041469.D
 Acq: 1 Aug 2024 8:26

Tgt Ion: 63 Resp: 1063455
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.0 6.0
 100 2.2 1.2 3.6





#25

Ethyl Acetate

Concen: 10.917 ppbv

RT: 5.202 min Scan# 808

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 241252

Ion Ratio Lower Upper

43 100

45 10.4 8.5 12.7

61 10.0 8.0 12.0

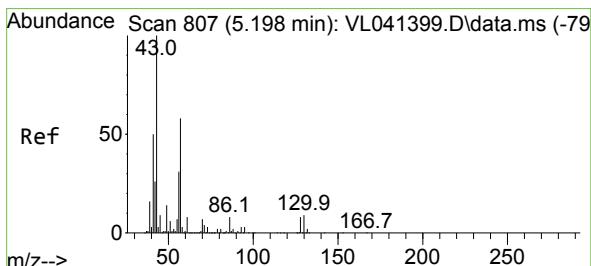
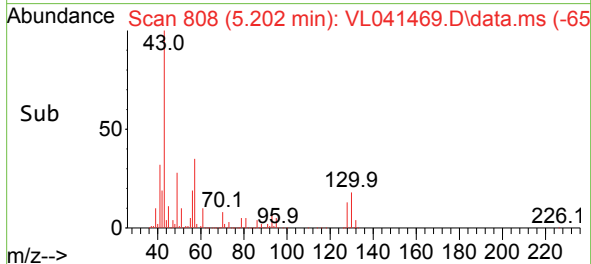
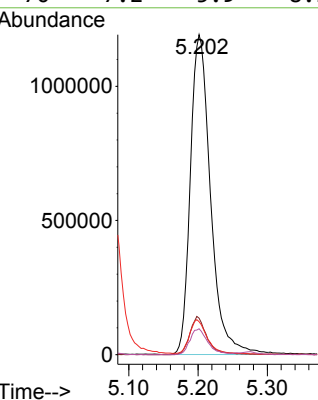
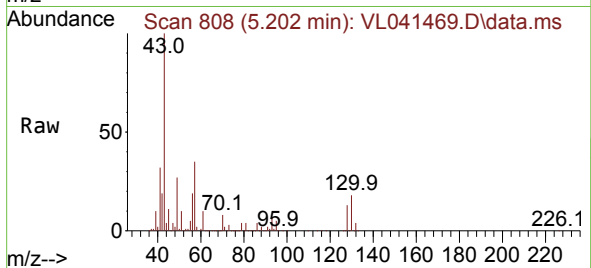
70 7.2 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#26

Hexane

Concen: 10.988 ppbv

RT: 5.211 min Scan# 811

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Tgt Ion: 57 Resp: 1007277

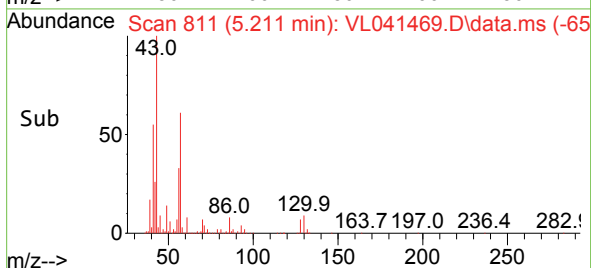
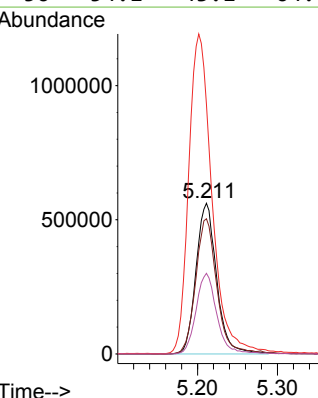
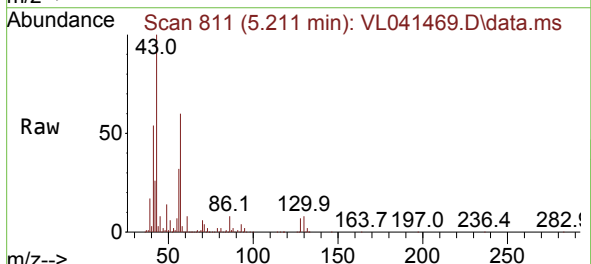
Ion Ratio Lower Upper

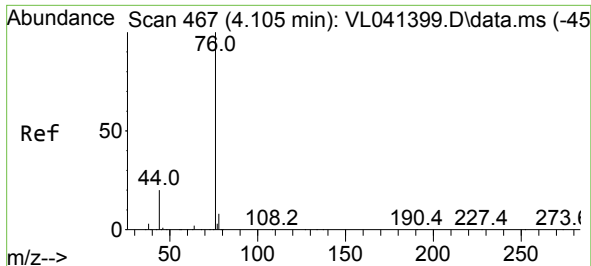
57 100

41 93.1 74.0 111.0

43 240.5 193.6 290.4

56 54.1 43.1 64.7





#27

Carbon Disulfide

Concen: 11.067 ppbv

RT: 4.121 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 118689

Ion Ratio Lower Upper

76 100

44 19.6 15.6 23.4

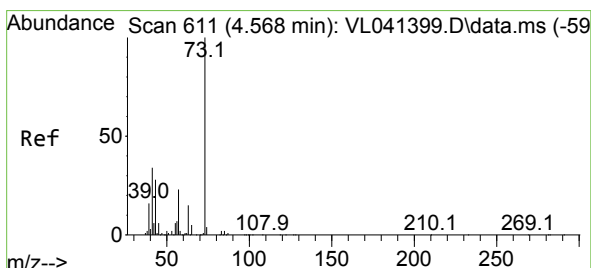
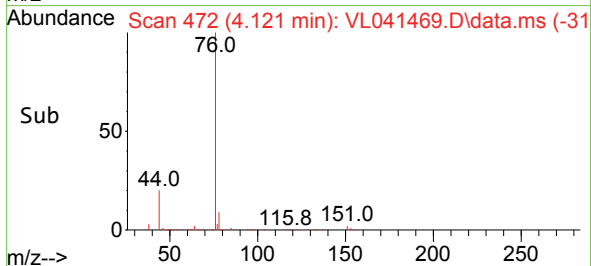
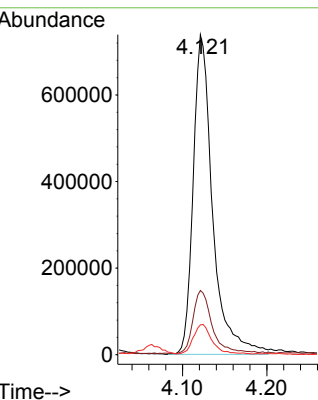
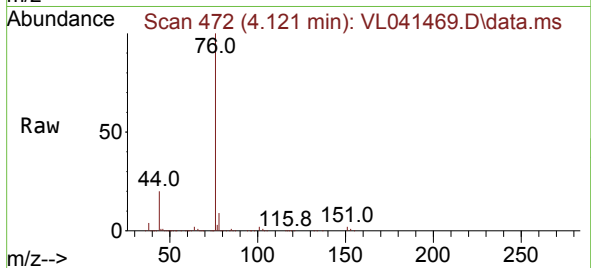
78 10.3 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#28

Methyl tert-Butyl Ether

Concen: 10.450 ppbv

RT: 4.581 min Scan# 615

Delta R.T. 0.000 min

Lab File: VL041469.D

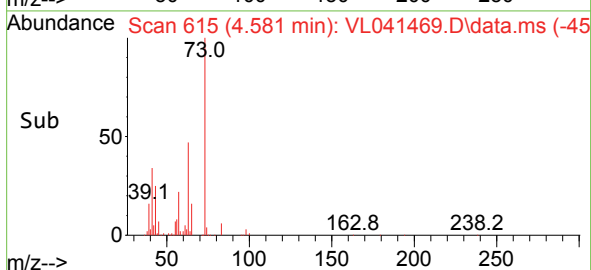
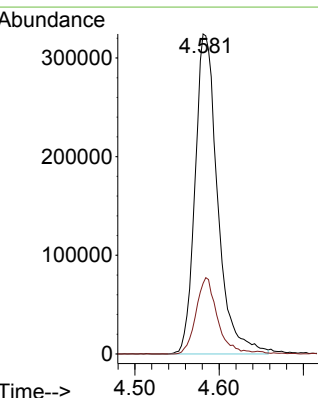
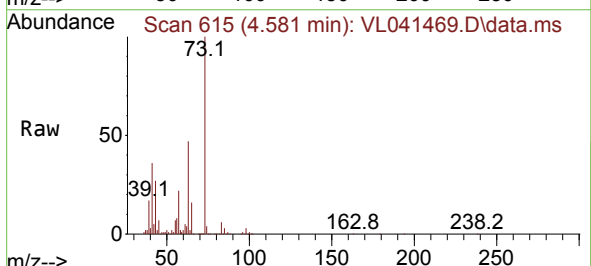
Acq: 1 Aug 2024 8:26

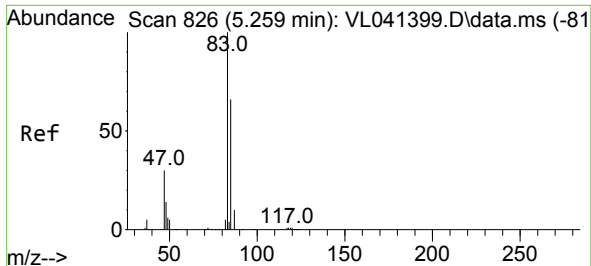
Tgt Ion: 73 Resp: 604138

Ion Ratio Lower Upper

73 100

57 23.2 18.9 28.3





#29

Chloroform

Concen: 10.491 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 1568738

Ion Ratio Lower Upper

83 100

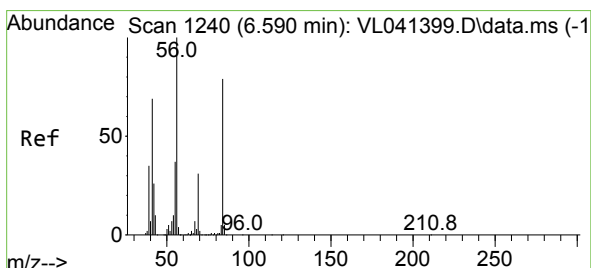
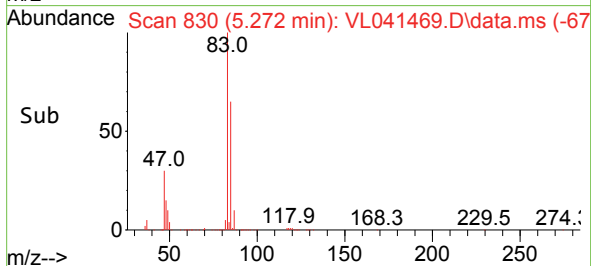
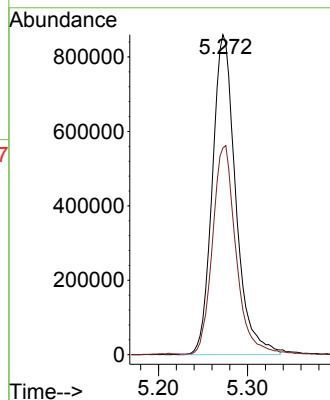
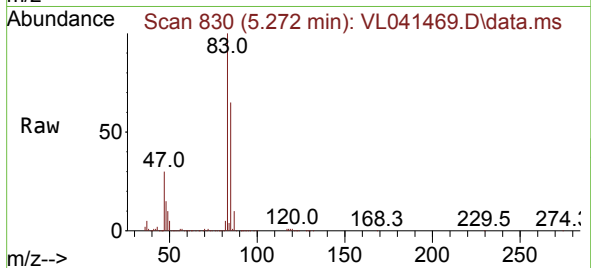
85 64.4 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#30

Cyclohexane

Concen: 11.439 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

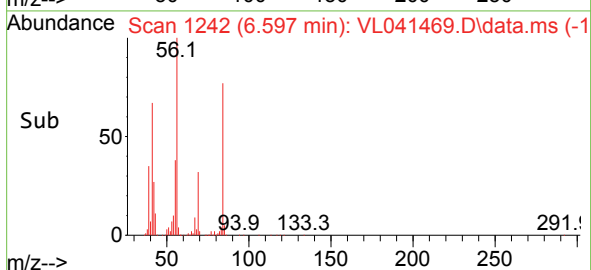
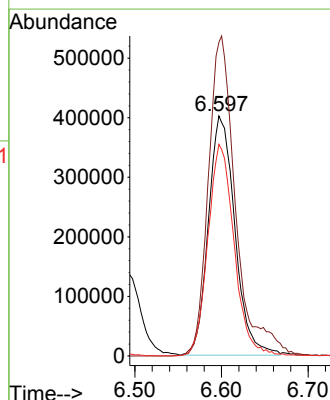
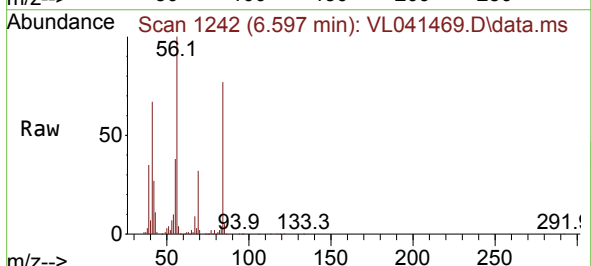
Tgt Ion: 84 Resp: 853980

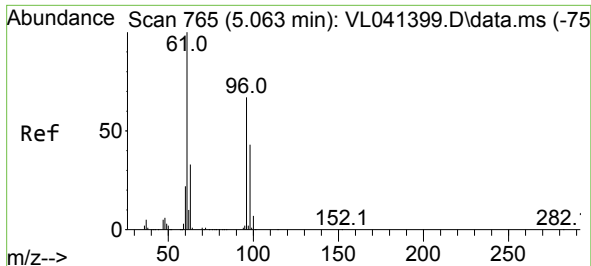
Ion Ratio Lower Upper

84 100

56 138.4 111.2 166.8

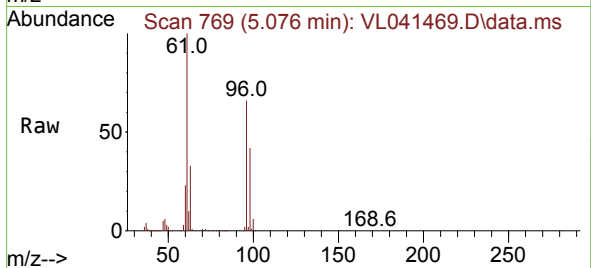
41 87.8 70.3 105.5





#31
 cis-1,2-Dichloroethene
 Concen: 10.814 ppbv
 RT: 5.076 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VL041469.D
 Acq: 1 Aug 2024 8:26

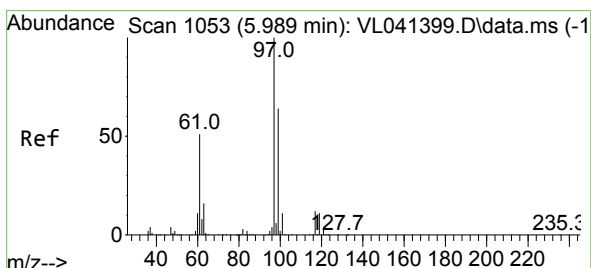
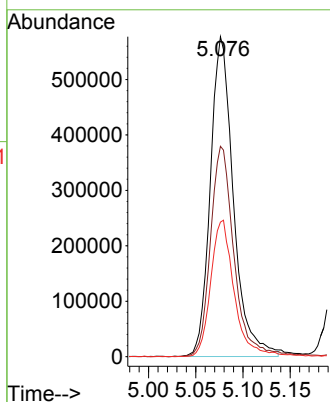
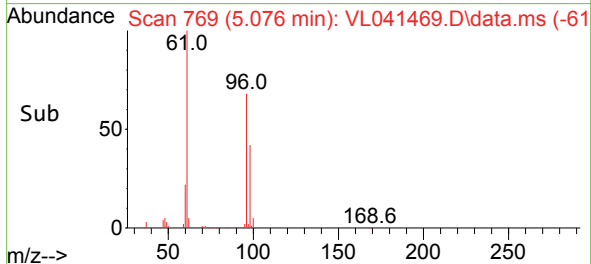
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



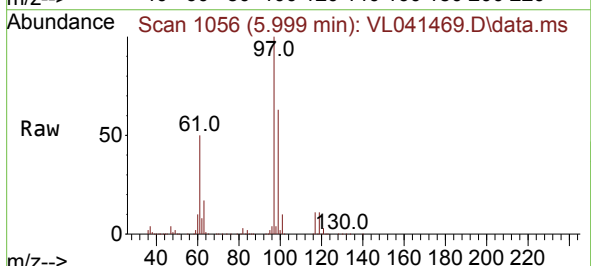
Tgt Ion: 61 Resp: 97934
 Ion Ratio Lower Upper
 61 100
 96 65.7 53.4 80.2
 98 42.0 34.4 51.6

Manual Integrations
 APPROVED

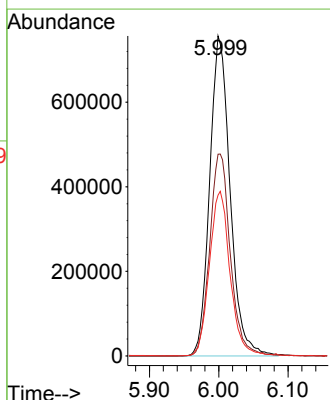
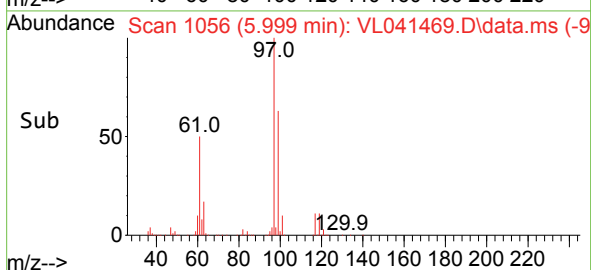
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

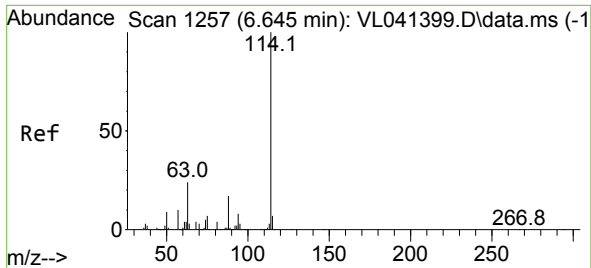


#32
 1,1,1-Trichloroethane
 Concen: 10.648 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VL041469.D
 Acq: 1 Aug 2024 8:26



Tgt Ion: 97 Resp: 1549930
 Ion Ratio Lower Upper
 97 100
 99 64.2 52.0 78.0
 61 52.4 41.8 62.8





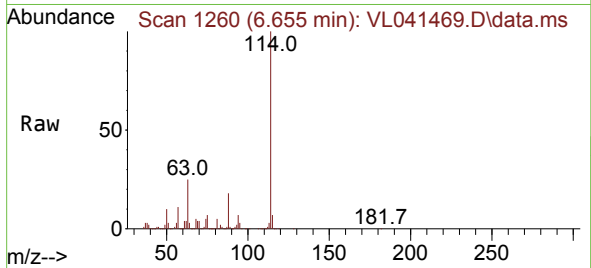
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

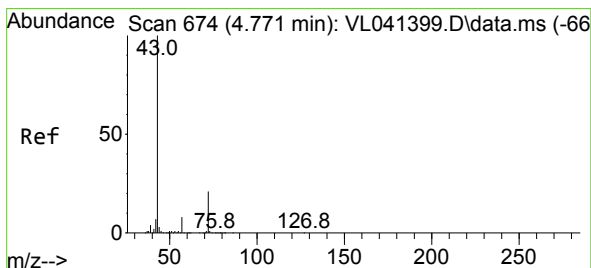
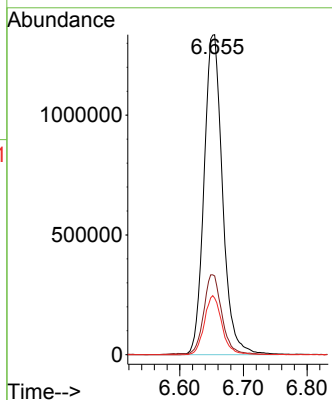
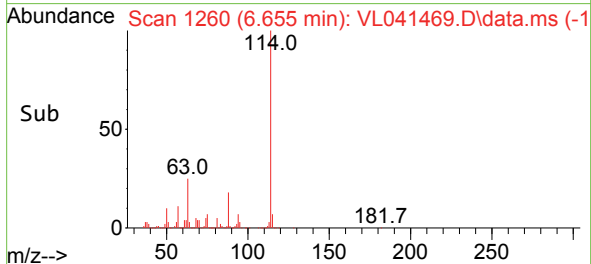


Tgt Ion:114 Resp: 269400
Ion Ratio Lower Upper
114 100
63 25.1 20.3 30.5
88 17.6 14.3 21.5

Manual Integrations

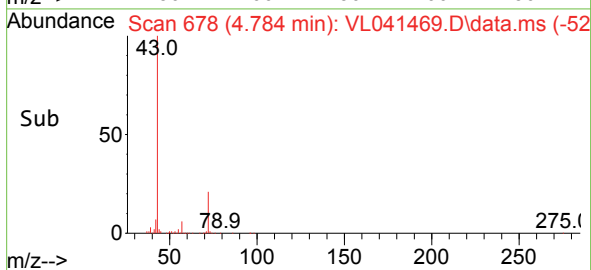
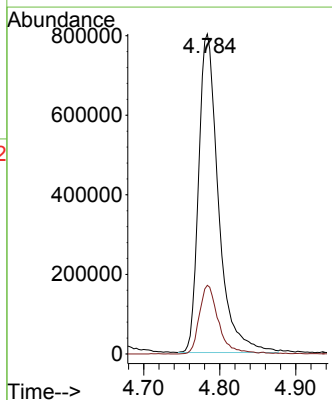
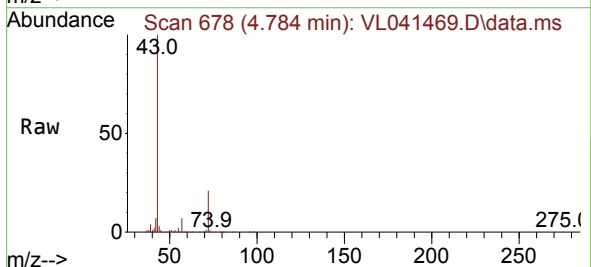
APPROVED

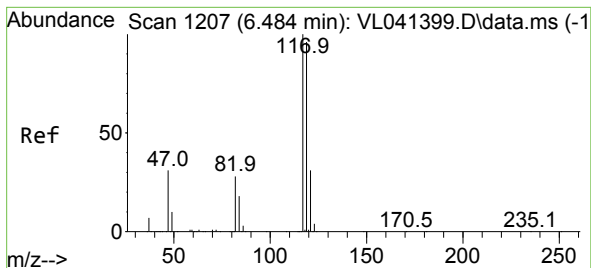
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#34
2-Butanone
Concen: 11.127 ppbv
RT: 4.784 min Scan# 678
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion: 43 Resp: 1450016
Ion Ratio Lower Upper
43 100
72 21.3 17.3 25.9





#35

Carbon Tetrachloride

Concen: 11.018 ppbv

RT: 6.491 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 1637128

Ion Ratio Lower Upper

117 100

119 95.9 76.6 115.0

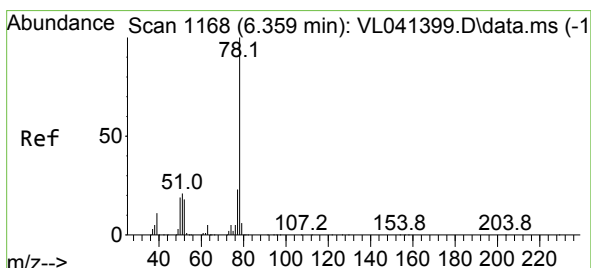
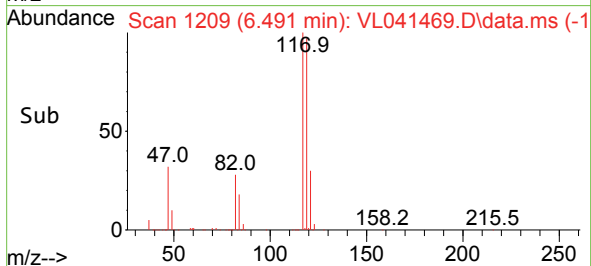
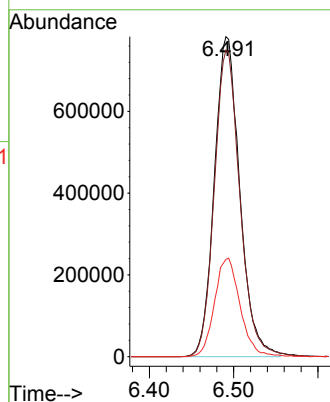
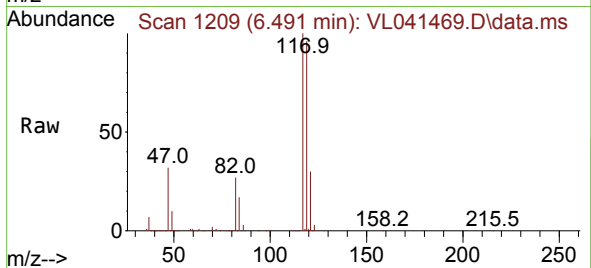
121 30.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#36

Benzene

Concen: 10.893 ppbv

RT: 6.369 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

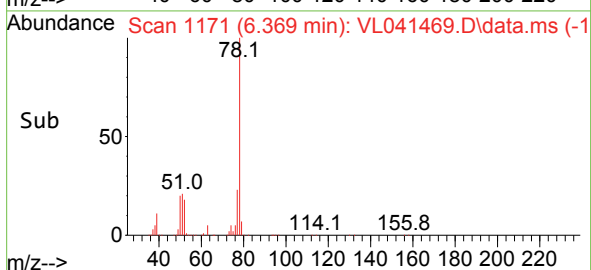
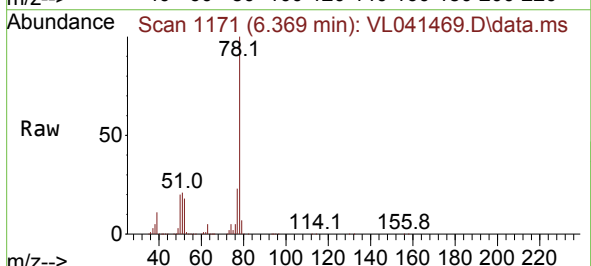
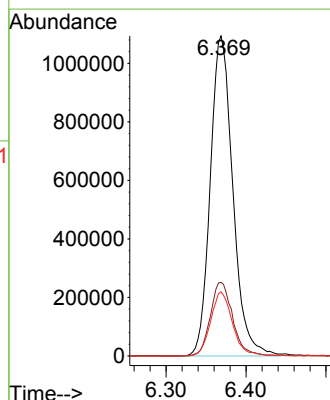
Tgt Ion: 78 Resp: 2144248

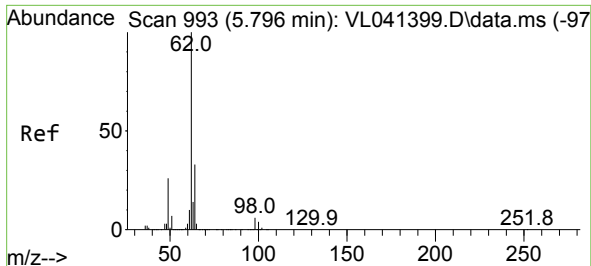
Ion Ratio Lower Upper

78 100

77 23.0 18.1 27.1

50 20.0 15.5 23.3





#37

1,2-Dichloroethane

Concen: 10.942 ppbv

RT: 5.806 min Scan# 993

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 1205519

Ion Ratio Lower Upper

62 100

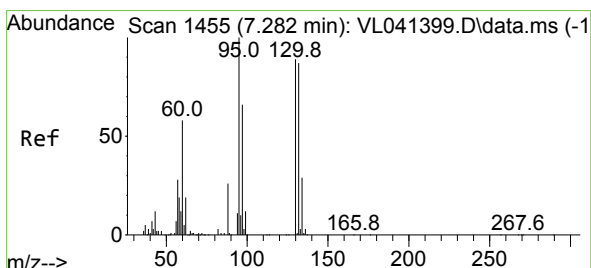
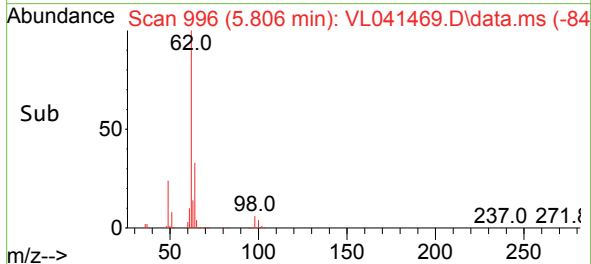
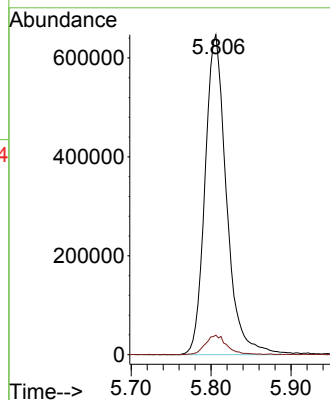
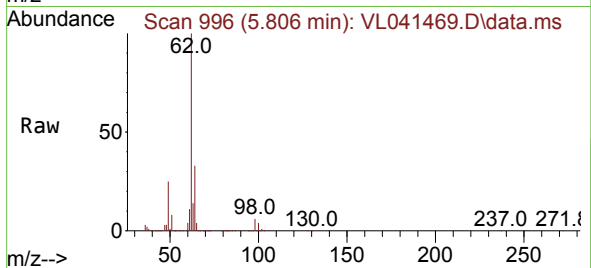
98 6.4 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#38

Trichloroethene

Concen: 10.963 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Tgt Ion:130 Resp: 988684

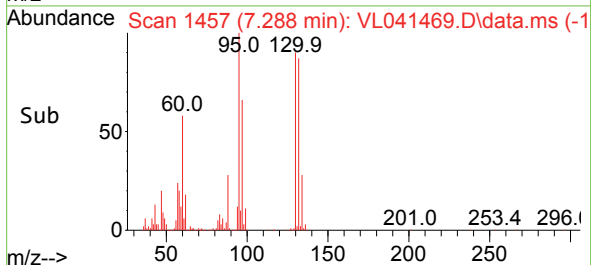
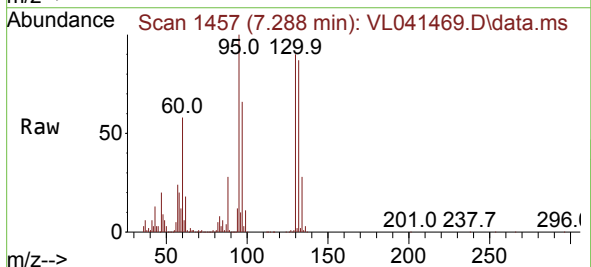
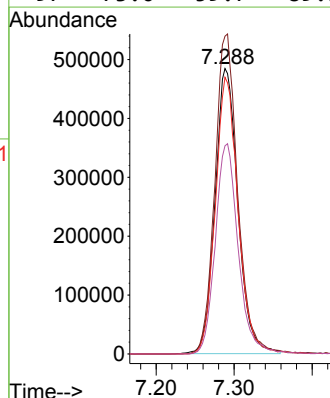
Ion Ratio Lower Upper

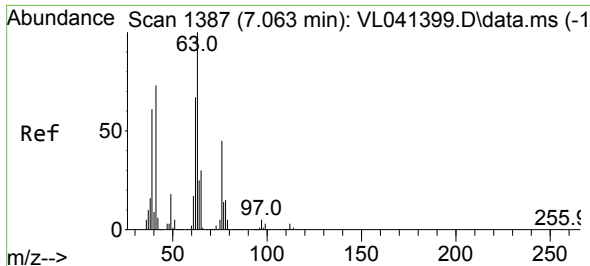
130 100

95 111.4 90.2 135.2

132 97.0 78.1 117.1

97 73.0 59.7 89.5





#39

1,2-Dichloropropane

Concen: 10.917 ppbv

RT: 7.070 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041469.D

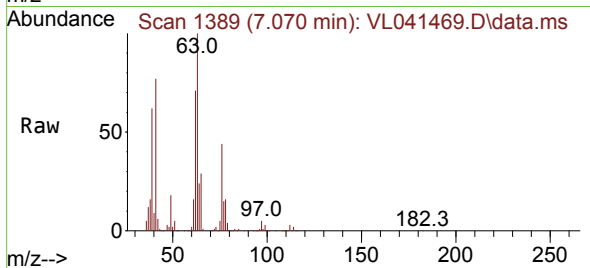
Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 63 Resp: 822720

Ion Ratio Lower Upper

63 100

41 76.4 58.3 87.5

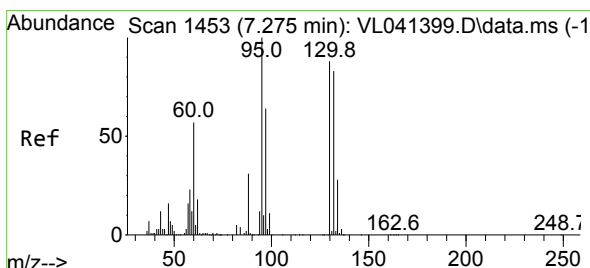
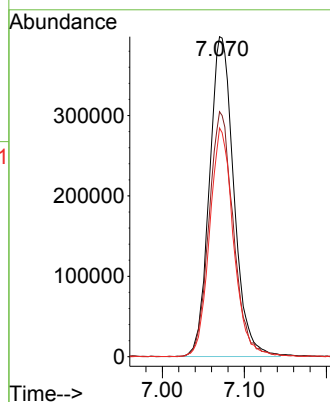
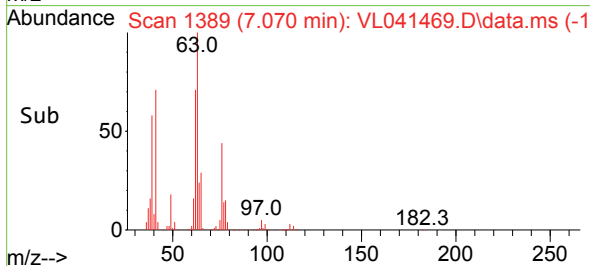
62 71.4 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#40

1,4-Dioxane

Concen: 11.527 ppbv

RT: 7.279 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Tgt Ion: 88 Resp: 348979

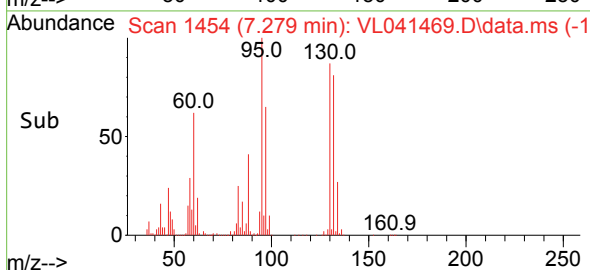
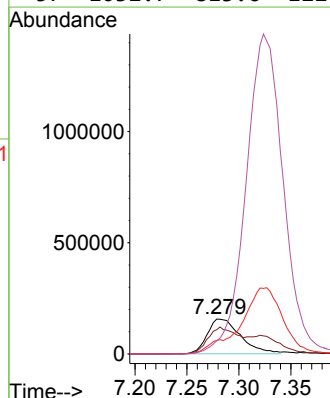
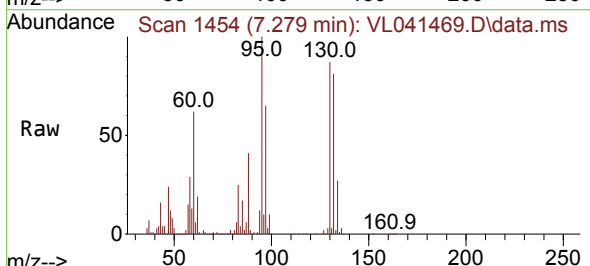
Ion Ratio Lower Upper

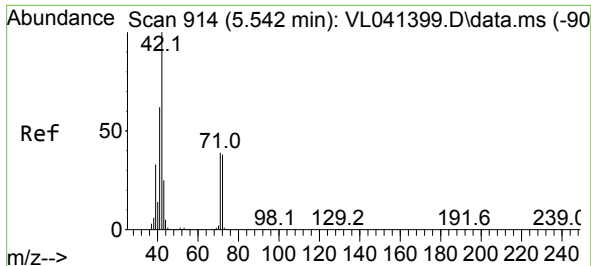
88 100

58 123.0 95.8 143.6

43 241.4 188.2 282.2

57 1032.7 813.6 1220.4





#41

Tetrahydrofuran

Concen: 11.434 ppbv

RT: 5.552 min Scan# 914

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 42 Resp: 852230

Ion Ratio Lower Upper

42 100

72 38.5 31.2 46.8

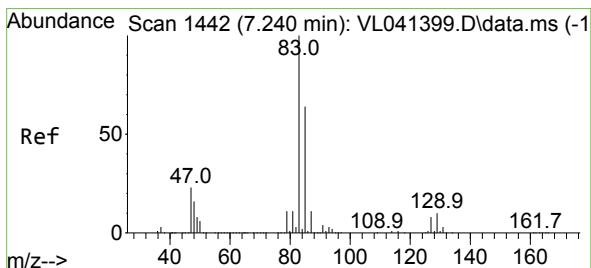
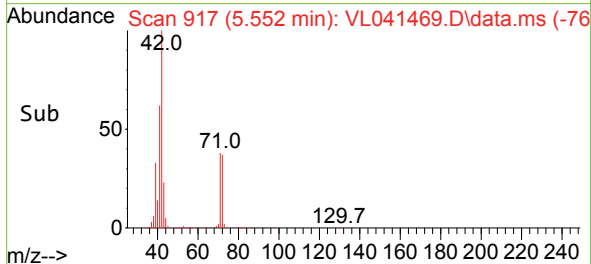
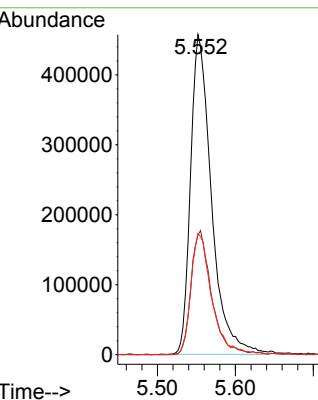
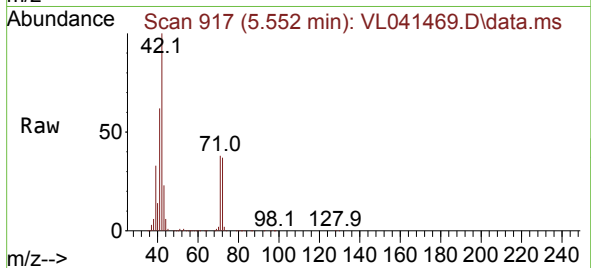
71 38.2 30.5 45.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#42

Bromodichloromethane

Concen: 10.891 ppbv

RT: 7.250 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

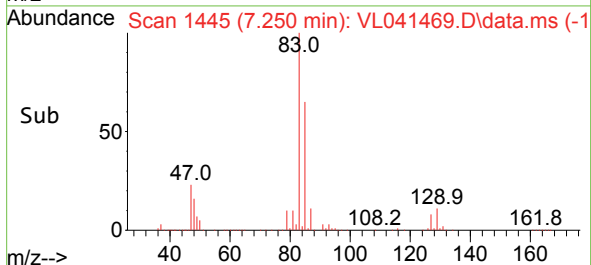
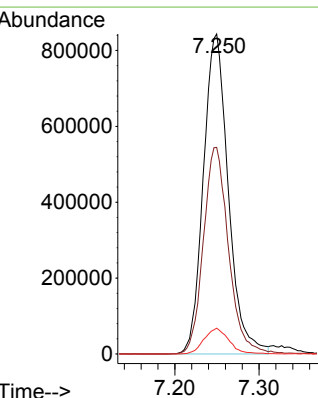
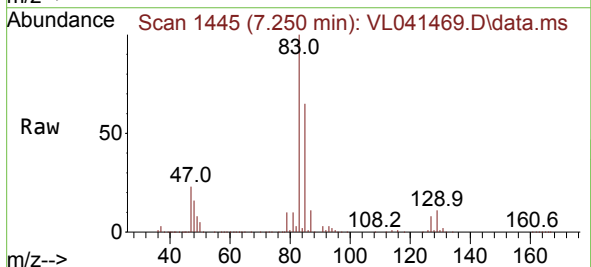
Tgt Ion: 83 Resp: 1732711

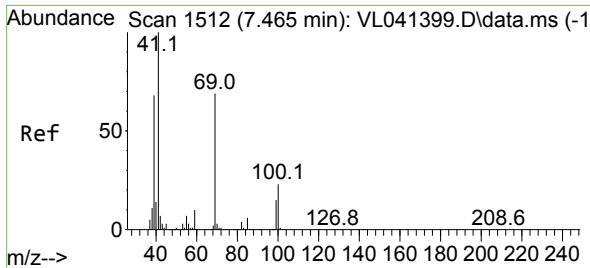
Ion Ratio Lower Upper

83 100

85 64.5 51.4 77.0

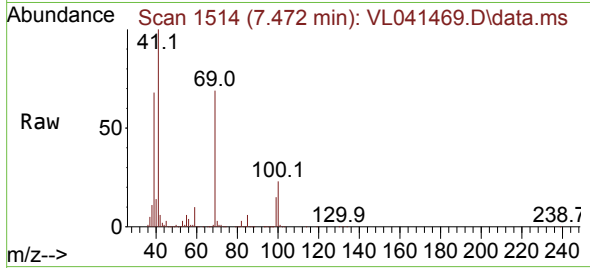
127 8.1 6.7 10.1





#43
Methyl Methacrylate
Concen: 11.951 ppbv
RT: 7.472 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

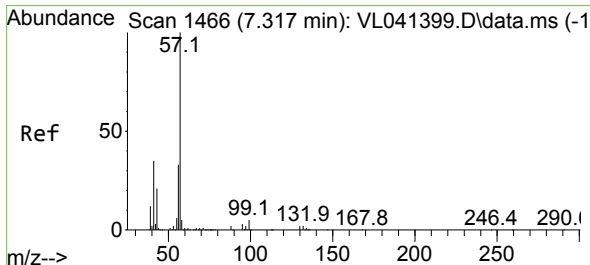
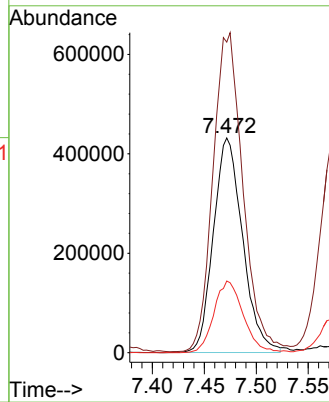
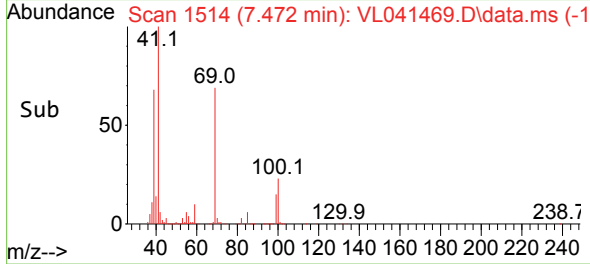
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



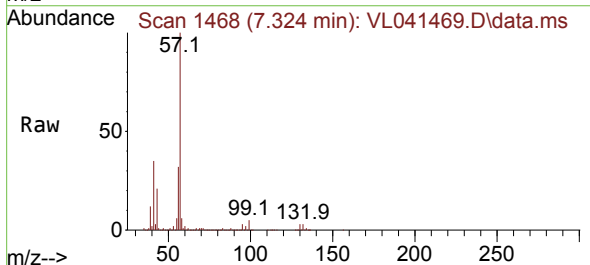
Tgt Ion: 69 Resp: 843632
Ion Ratio Lower Upper
69 100
41 153.3 118.7 178.1
100 33.6 27.0 40.4

Manual Integrations
APPROVED

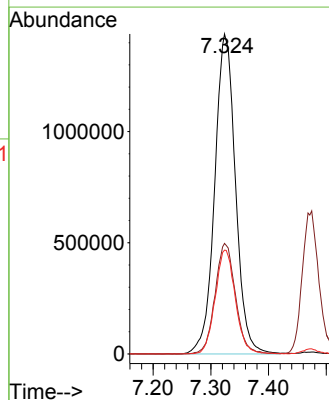
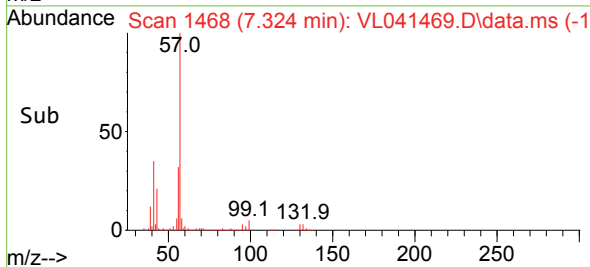
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

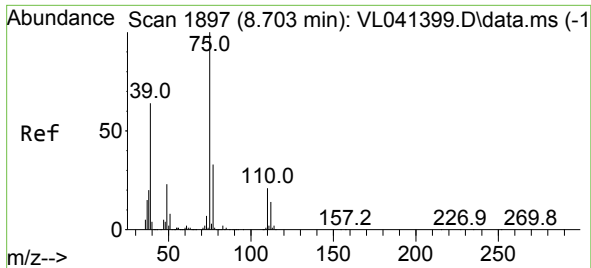


#44
2,2,4-Trimethylpentane
Concen: 10.951 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26



Tgt Ion: 57 Resp: 3600389
Ion Ratio Lower Upper
57 100
41 33.9 27.0 40.6
56 31.6 25.2 37.8





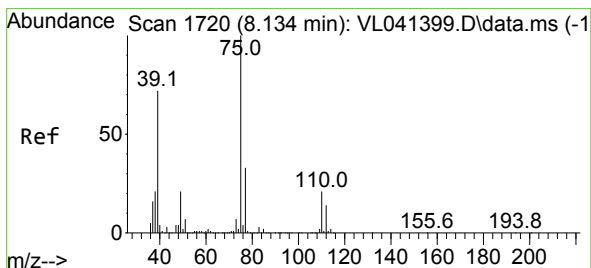
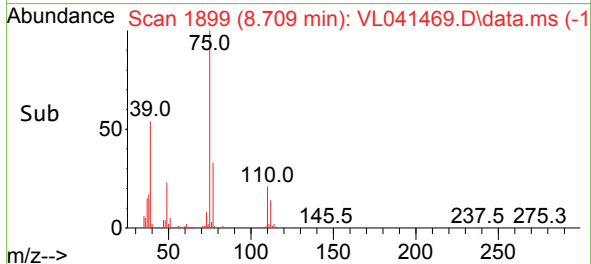
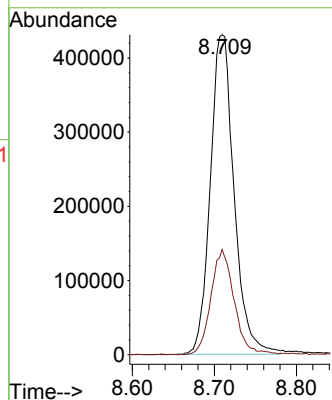
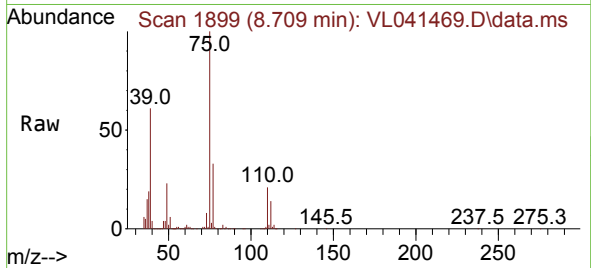
#45
t-1,3-Dichloropropene
Concen: 13.352 ppbv
RT: 8.709 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 86748
Ion Ratio Lower Upper
75 100
77 32.9 26.5 39.7

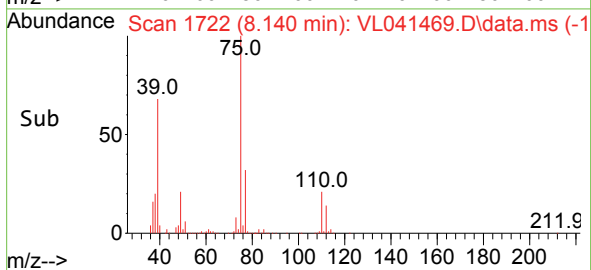
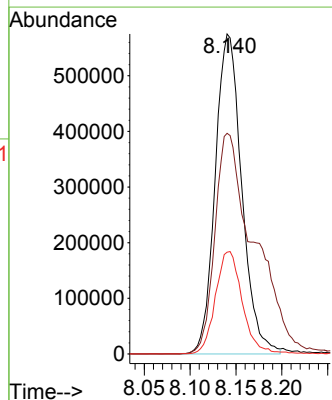
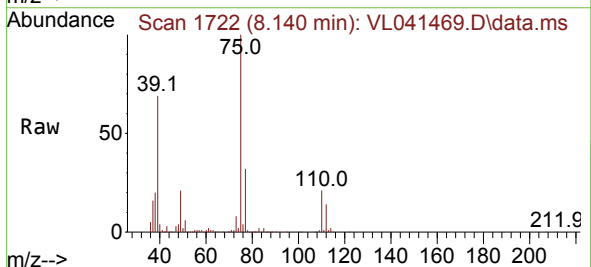
Manual Integrations
APPROVED

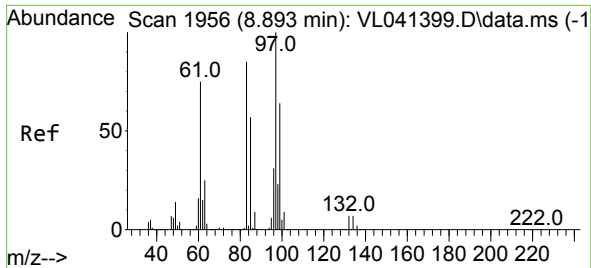
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#46
cis-1,3-Dichloropropene
Concen: 12.331 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

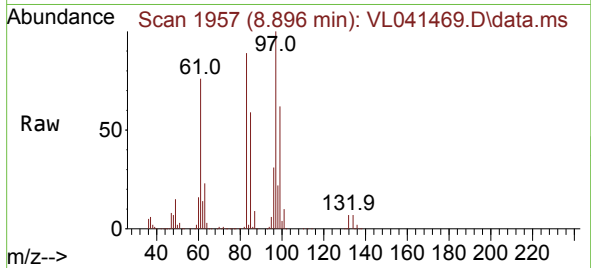
Tgt Ion: 75 Resp: 1156968
Ion Ratio Lower Upper
75 100
39 68.9 57.3 85.9
77 31.8 26.2 39.2





#47
1,1,2-Trichloroethane
Concen: 10.850 ppbv
RT: 8.896 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

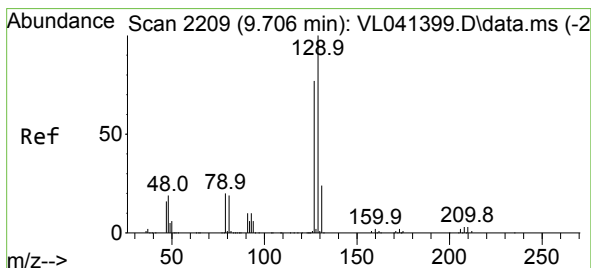
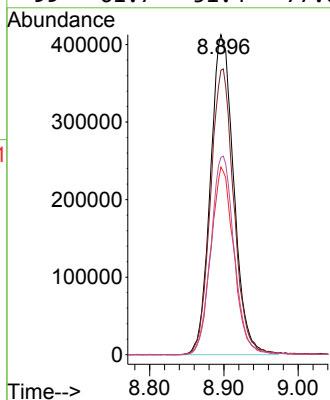
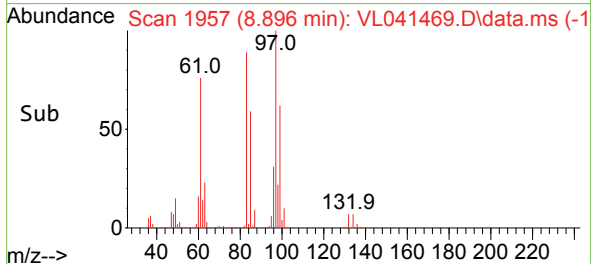
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 901350
Ion Ratio Lower Upper
97 100
83 88.8 67.6 101.4
85 58.6 45.9 68.9
99 61.7 51.4 77.0

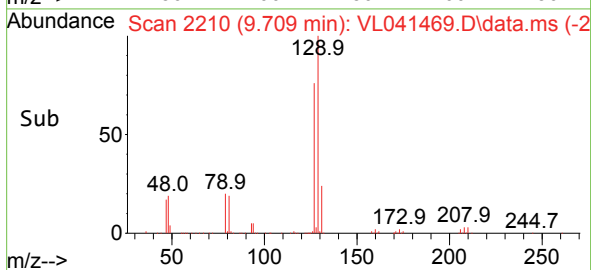
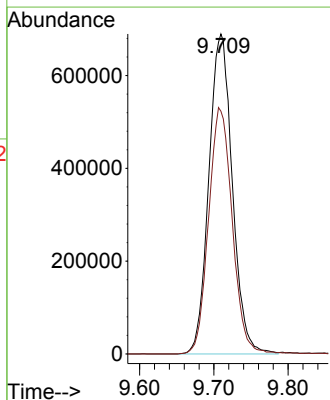
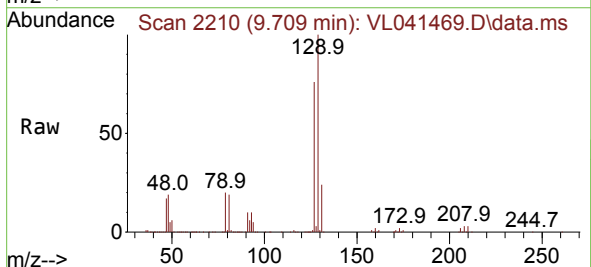
Manual Integrations
APPROVED

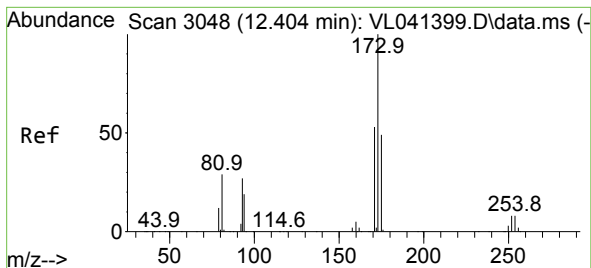
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#48
Dibromochloromethane
Concen: 11.312 ppbv
RT: 9.709 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion:129 Resp: 1513890
Ion Ratio Lower Upper
129 100
127 77.9 39.3 117.8





#49

Bromoform

Concen: 11.770 ppbv

RT: 12.404 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 1330550

Ion Ratio Lower Upper

173 100

175 49.3 39.9 59.9

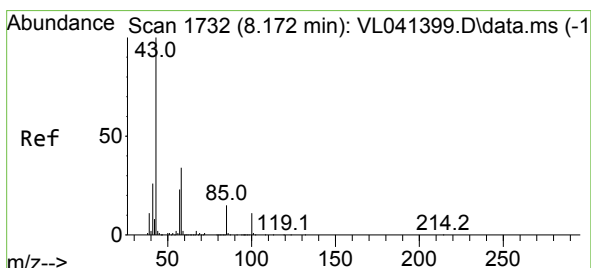
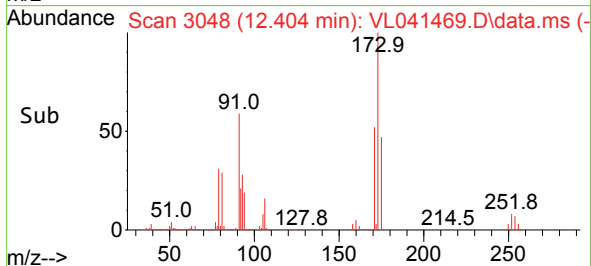
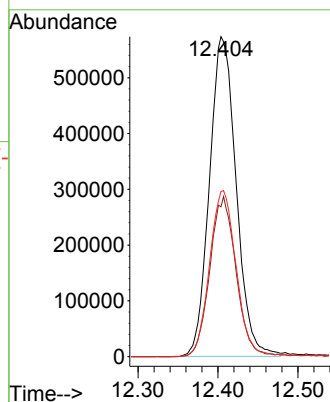
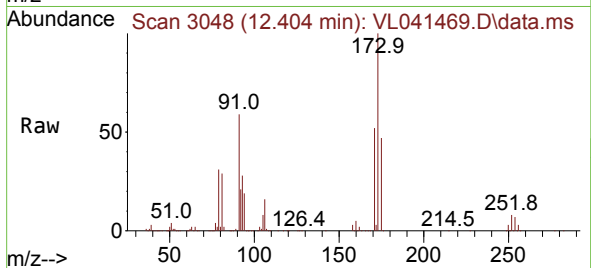
171 52.2 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#50

4-Methyl-2-Pentanone

Concen: 11.615 ppbv

RT: 8.179 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VL041469.D

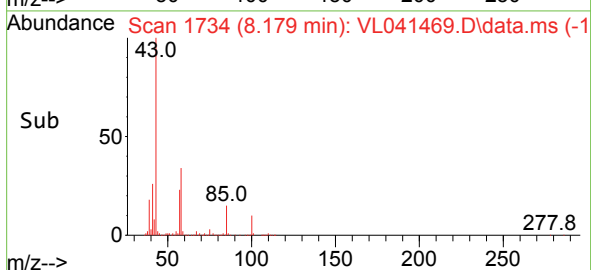
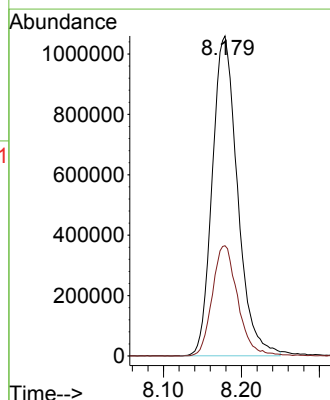
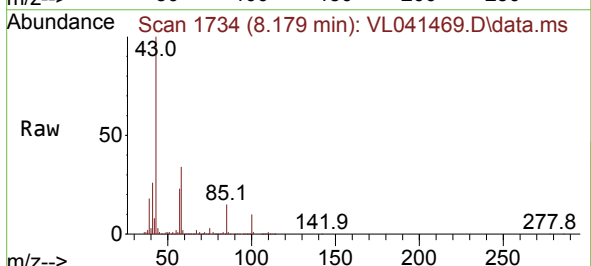
Acq: 1 Aug 2024 8:26

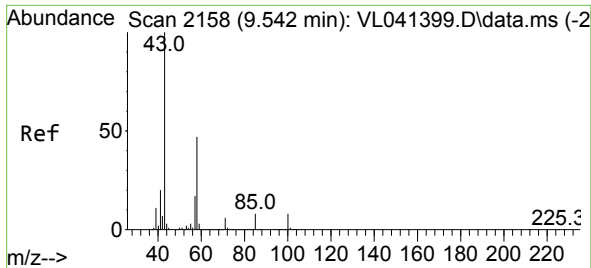
Tgt Ion: 43 Resp: 2388067

Ion Ratio Lower Upper

43 100

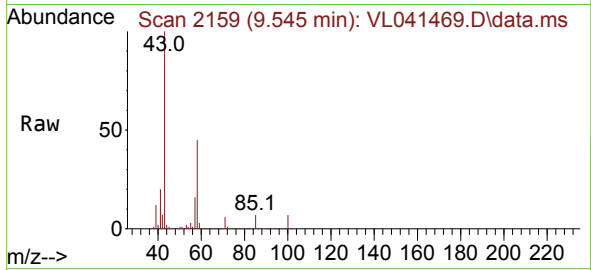
58 35.0 27.9 41.9





#51
2-Hexanone
Concen: 12.490 ppbv
RT: 9.545 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

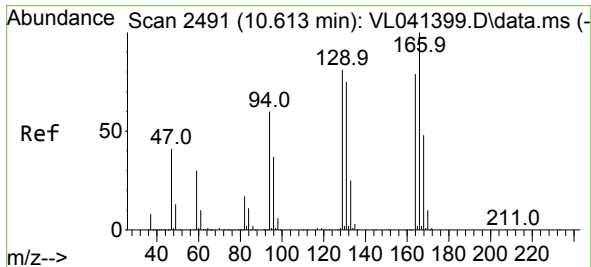
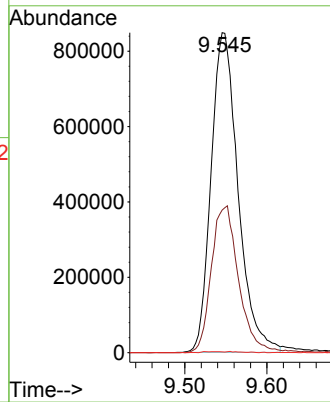
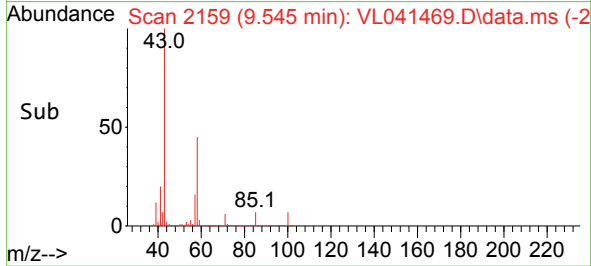
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1941778
Ion Ratio Lower Upper
43 100
58 46.8 38.2 57.2
98 0.5 0.3 0.5

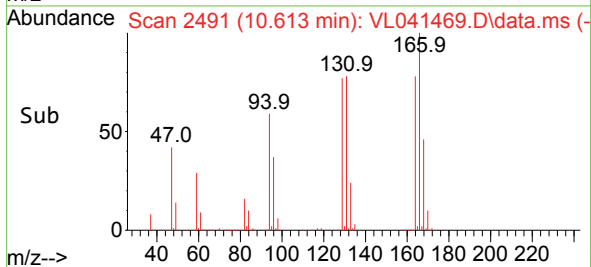
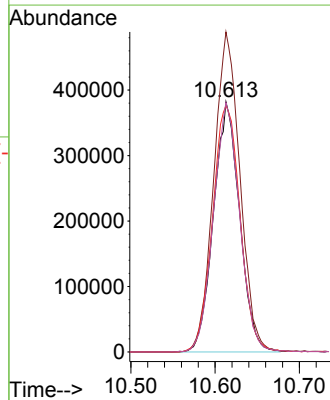
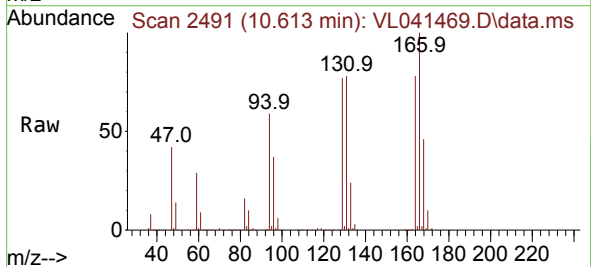
Manual Integrations
APPROVED

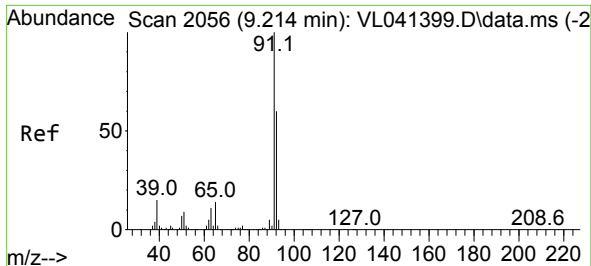
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#52
Tetrachloroethene
Concen: 10.762 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion:164 Resp: 818556
Ion Ratio Lower Upper
164 100
166 127.8 101.1 151.7
129 98.4 81.7 122.5
131 99.4 76.2 114.4





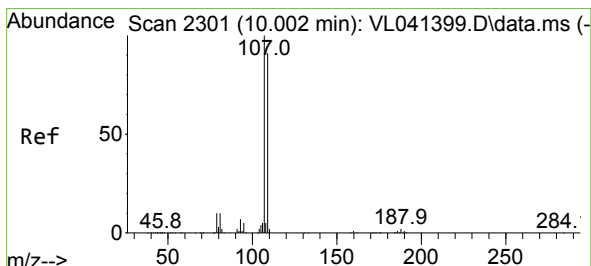
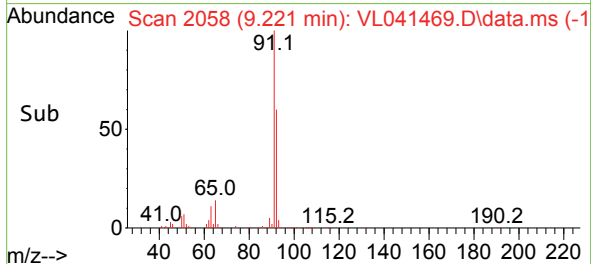
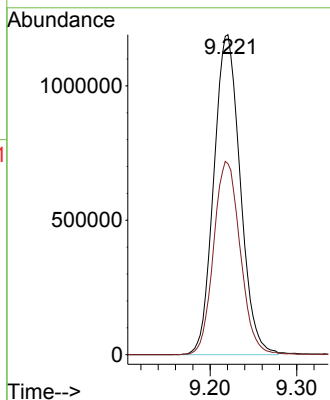
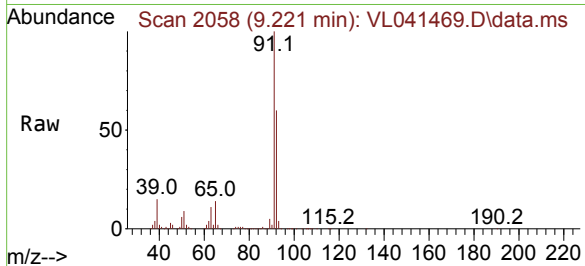
#53
Toluene
Concen: 11.503 ppbv
RT: 9.221 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2522110
Ion Ratio Lower Upper
91 100
92 61.0 48.7 73.1

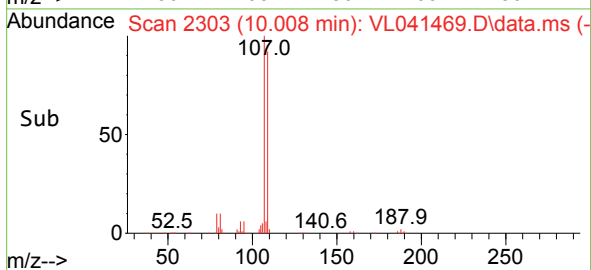
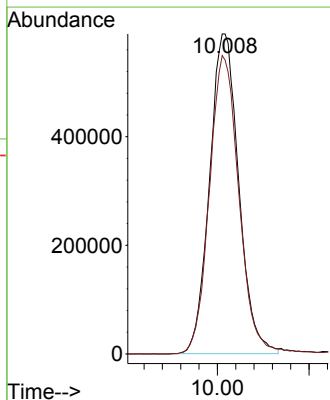
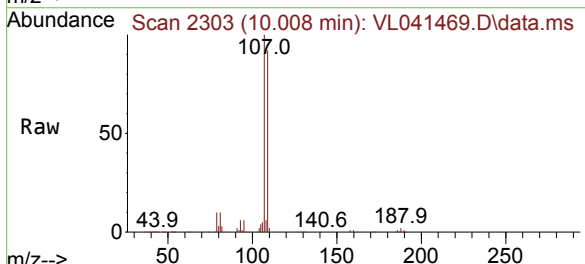
Manual Integrations
APPROVED

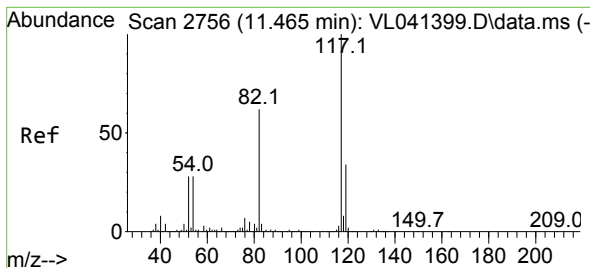
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#54
1,2-Dibromoethane
Concen: 11.769 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

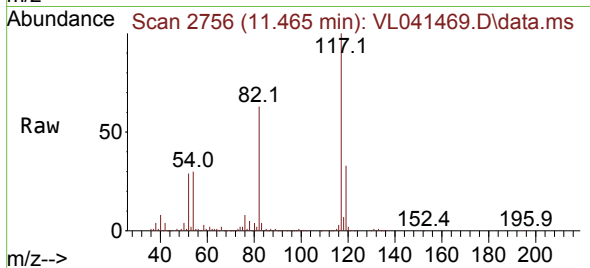
Tgt Ion:107 Resp: 1301300
Ion Ratio Lower Upper
107 100
109 91.8 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

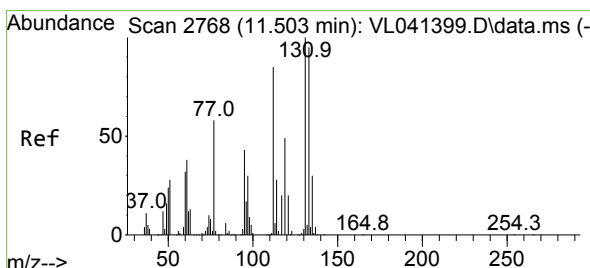
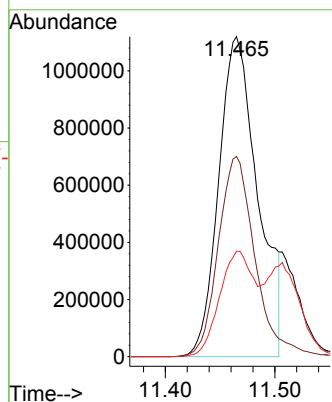
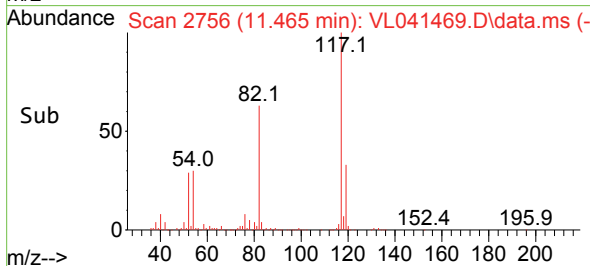
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



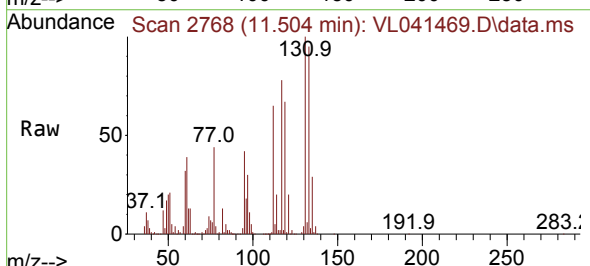
Tgt Ion:117 Resp: 2778670
Ion Ratio Lower Upper
117 100
82 59.6 51.0 76.6
119 28.4 45.2 67.8

Manual Integrations
APPROVED

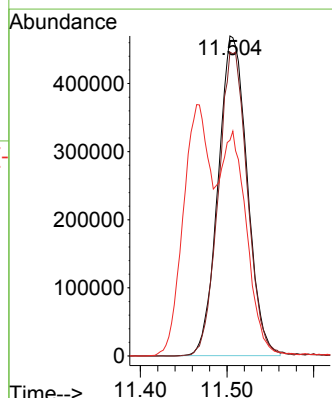
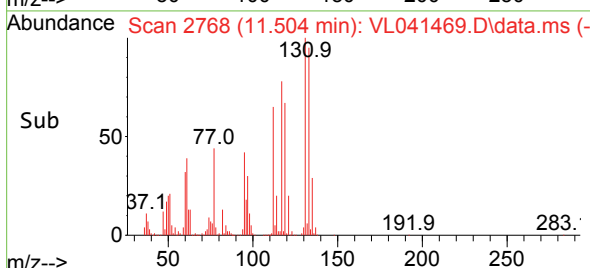
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

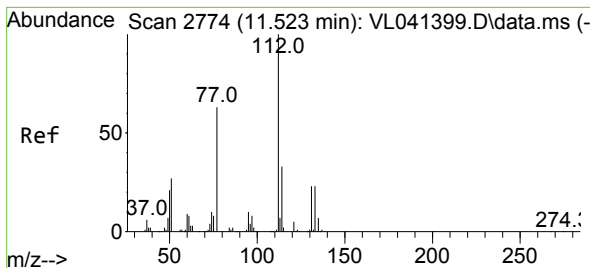


#56
1,1,1,2-Tetrachloroethane
Concen: 10.167 ppbv
RT: 11.504 min Scan# 2768
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26



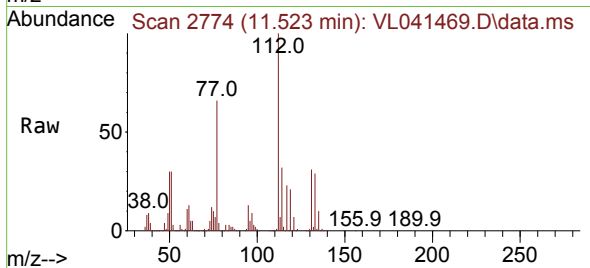
Tgt Ion:131 Resp: 1095567
Ion Ratio Lower Upper
131 100
133 95.2 77.0 115.4
119 67.4 121.5 182.3





#57
Chlorobenzene
Concen: 9.892 ppbv
RT: 11.523 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

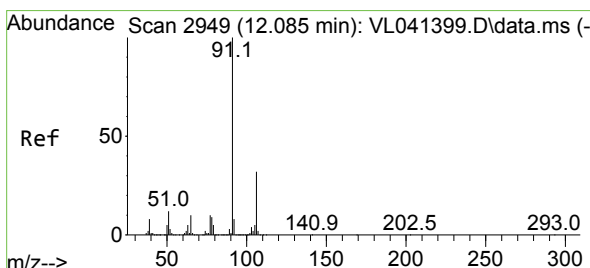
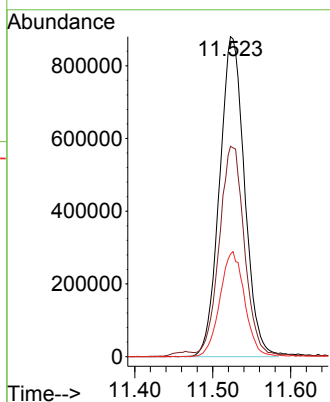
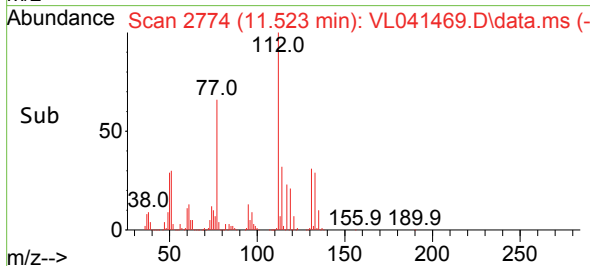
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 195699
Ion Ratio Lower Upper
112 100
77 65.0 51.1 76.7
114 32.1 29.5 36.1

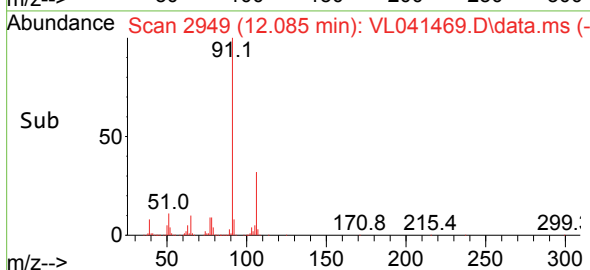
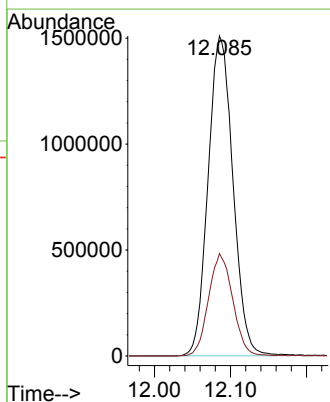
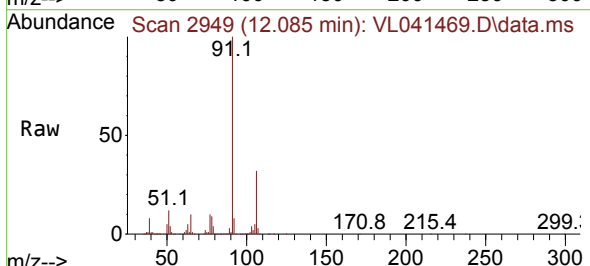
Manual Integrations
APPROVED

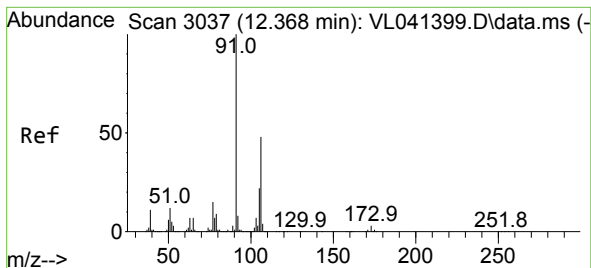
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#58
Ethyl Benzene
Concen: 10.695 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion: 91 Resp: 3425464
Ion Ratio Lower Upper
91 100
106 32.0 25.8 38.8





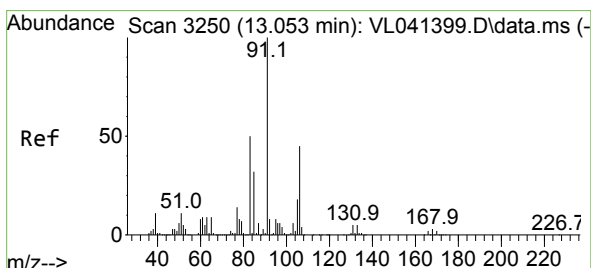
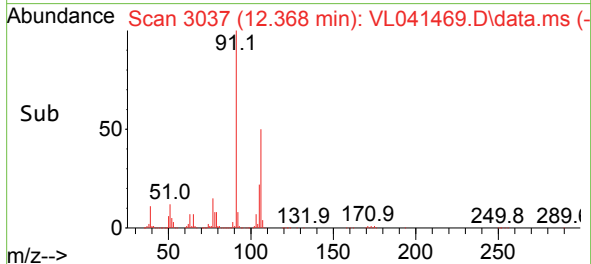
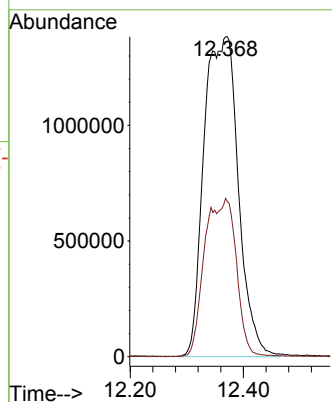
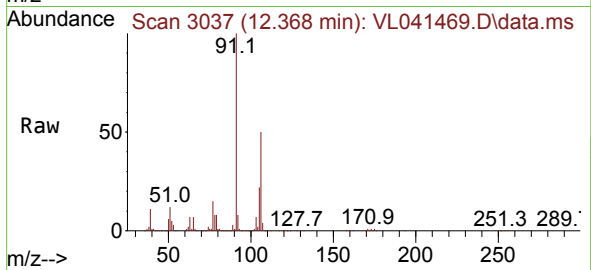
#59
m/p-Xylene
Concen: 21.055 ppbv m
RT: 12.368 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 582106
Ion Ratio Lower Upper
91 100
106 45.8 36.3 54.5

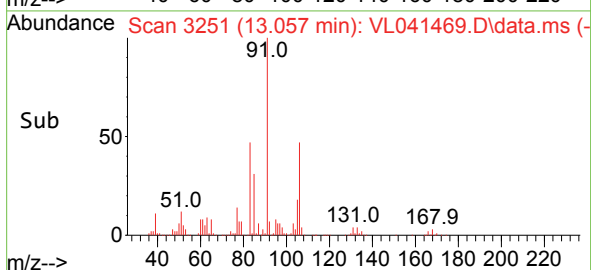
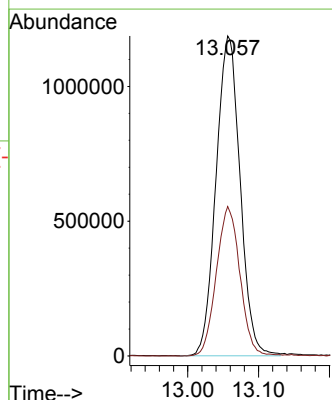
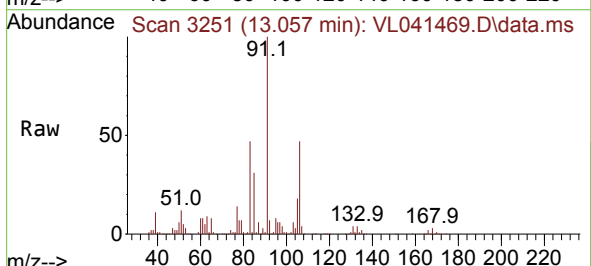
Manual Integrations
APPROVED

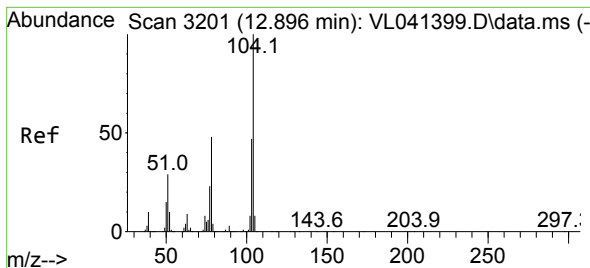
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#60
o-Xylene
Concen: 10.705 ppbv
RT: 13.057 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion: 91 Resp: 2799755
Ion Ratio Lower Upper
91 100
106 46.1 23.1 69.3





#61

Styrene

Concen: 11.647 ppbv

RT: 12.896 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041469.D

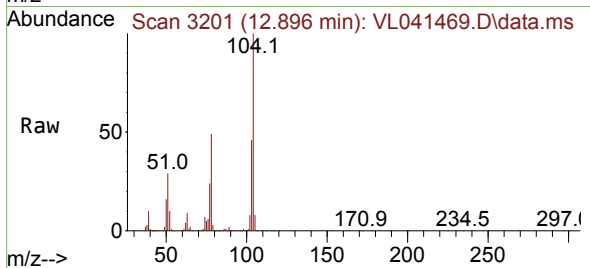
Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:104 Resp: 137420

Ion Ratio Lower Upper

104 100

78 50.1 40.8 61.2

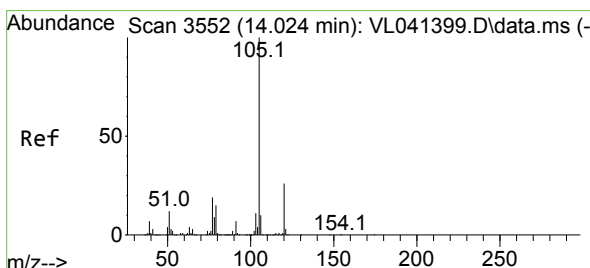
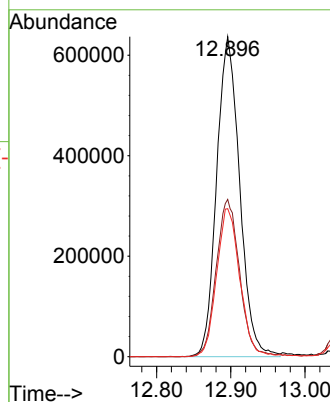
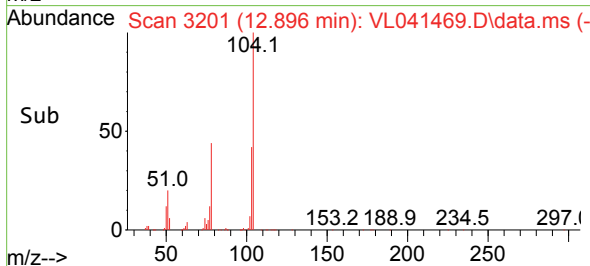
103 47.0 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#62

Isopropylbenzene

Concen: 10.217 ppbv

RT: 14.028 min Scan# 3553

Delta R.T. 0.000 min

Lab File: VL041469.D

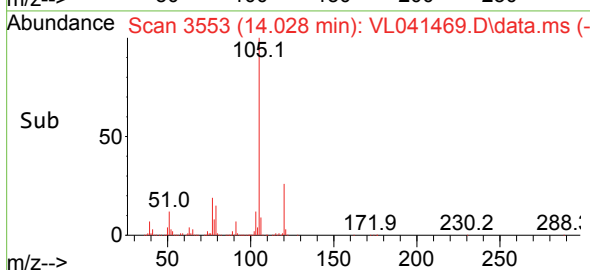
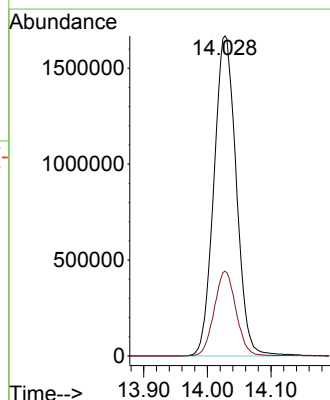
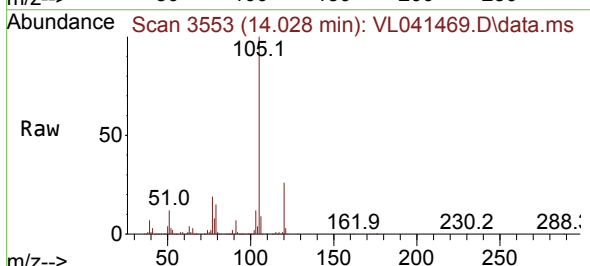
Acq: 1 Aug 2024 8:26

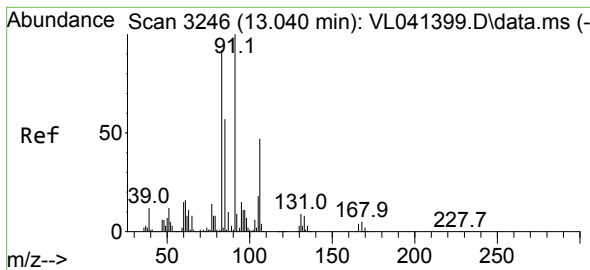
Tgt Ion:105 Resp: 4062180

Ion Ratio Lower Upper

105 100

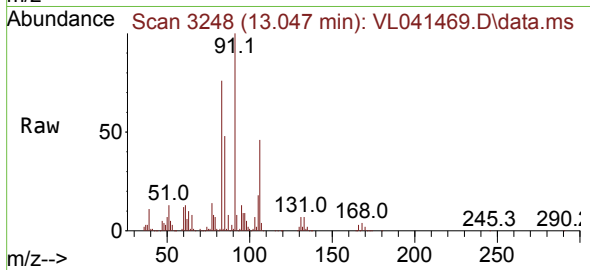
120 26.1 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 10.392 ppbv
RT: 13.047 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

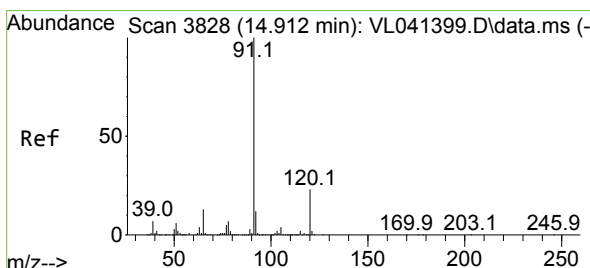
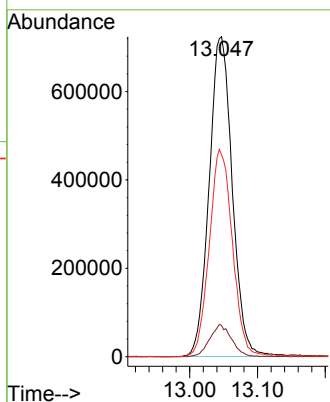
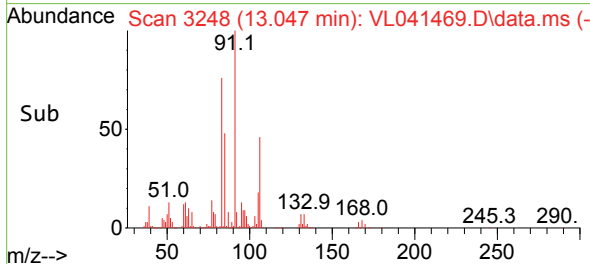
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 171623
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 65.4 32.6 98.0

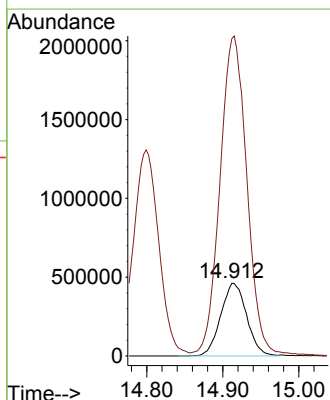
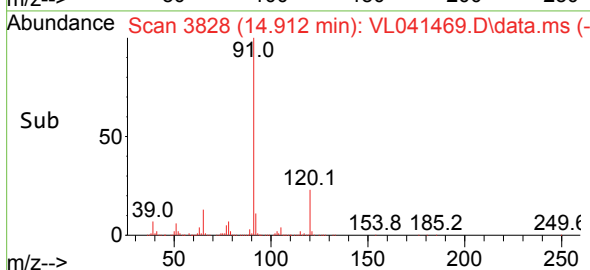
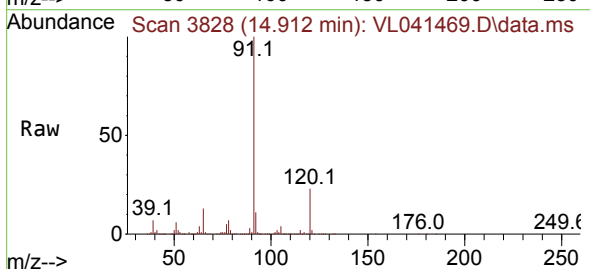
Manual Integrations
APPROVED

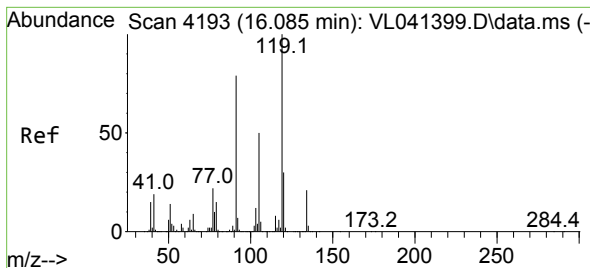
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#64
n-propylbenzene
Concen: 10.518 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

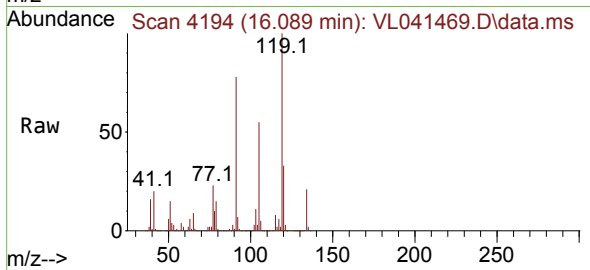
Tgt Ion:120 Resp: 1093284
Ion Ratio Lower Upper
120 100
91 458.9 361.4 542.0





#65
tert-Butylbenzene
Concen: 10.205 ppbv
RT: 16.089 min Scan# 4193
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

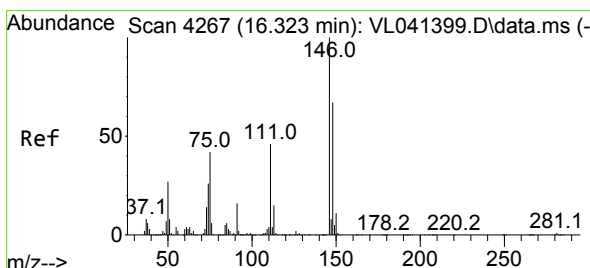
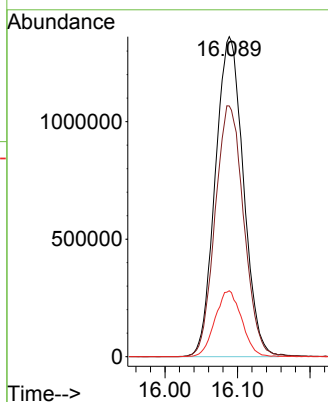
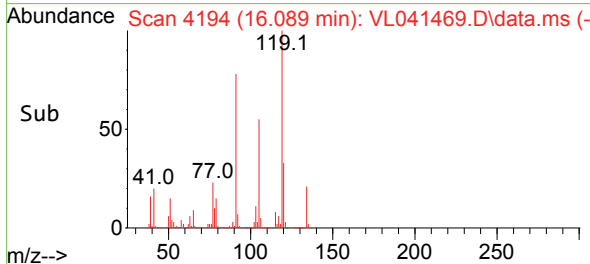
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 119 Resp: 3664775
Ion Ratio Lower Upper
119 100
91 80.1 64.2 96.2
134 19.6 15.7 23.5

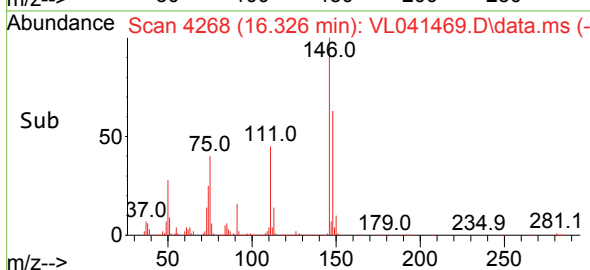
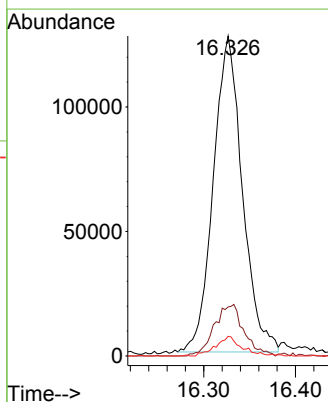
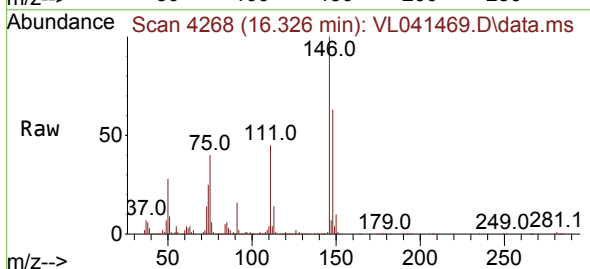
Manual Integrations
APPROVED

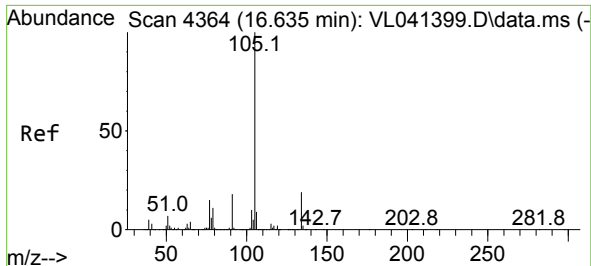
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#66
Benzyl Chloride
Concen: 12.128 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion: 91 Resp: 279355
Ion Ratio Lower Upper
91 100
126 16.6 13.8 20.8
128 5.7 4.4 6.6





#67

sec-Butylbenzene

Concen: 10.365 ppbv

RT: 16.632 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 512864

Ion Ratio Lower Upper

105 100

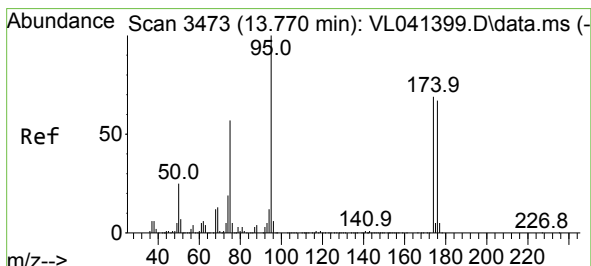
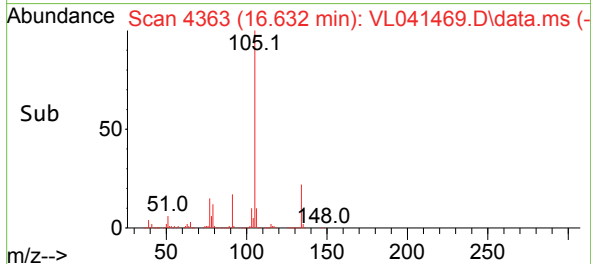
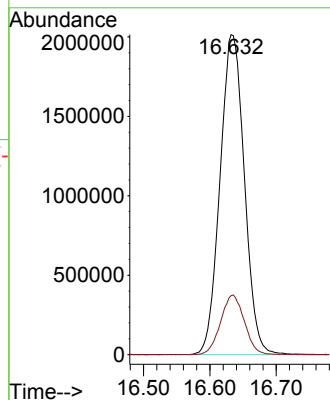
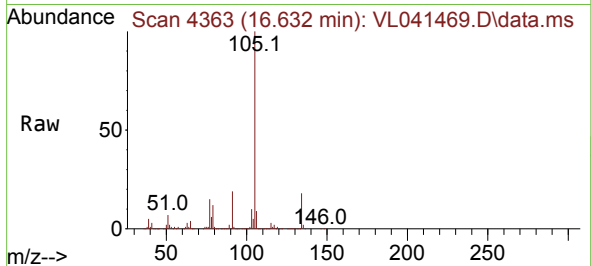
134 18.3 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 9.538 ppbv

RT: 13.774 min Scan# 3474

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

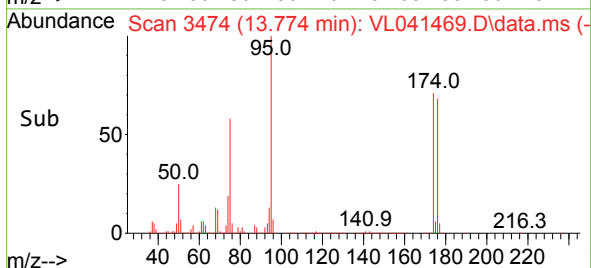
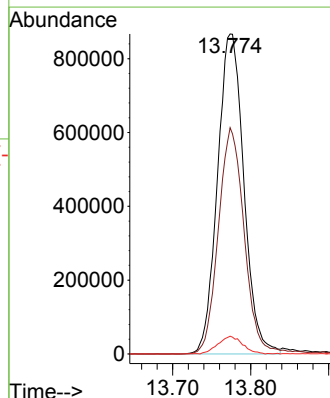
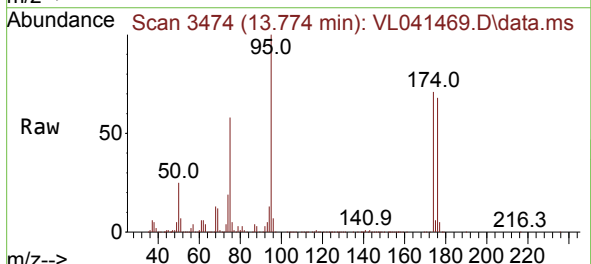
Tgt Ion: 95 Resp: 2039503

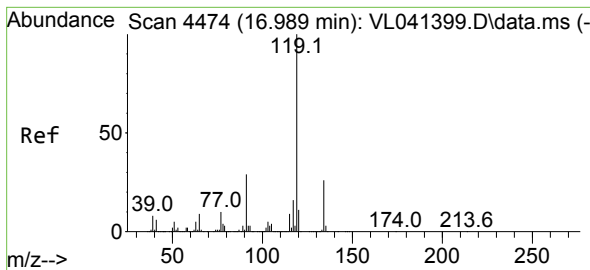
Ion Ratio Lower Upper

95 100

174 70.4 56.3 84.5

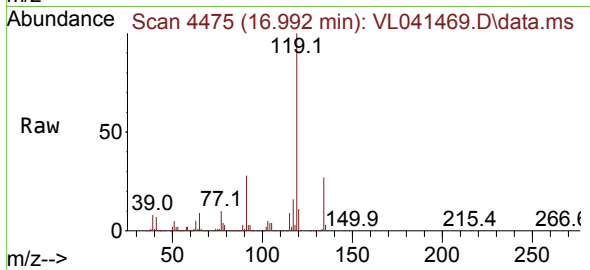
175 5.3 4.0 6.0





#69
p-Isopropyltoluene
Concen: 10.490 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

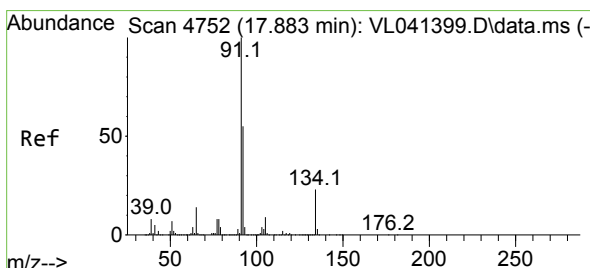
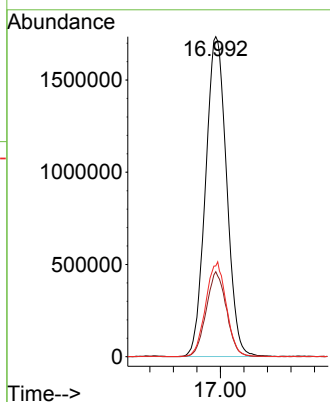
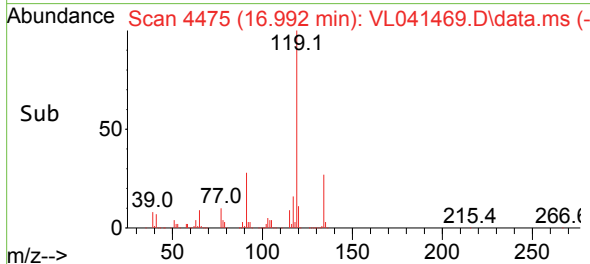
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:119 Resp: 430684
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 28.9 23.2 34.8

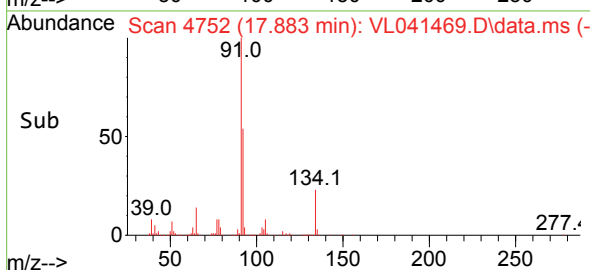
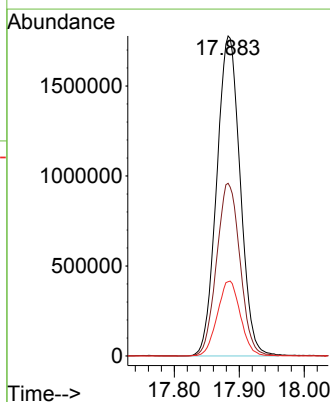
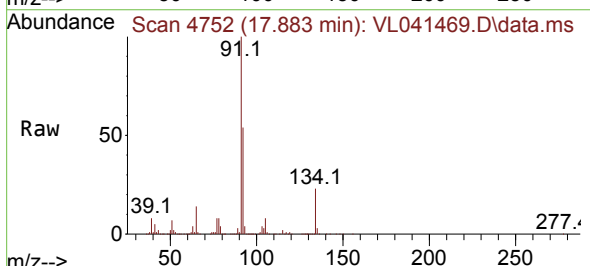
Manual Integrations
APPROVED

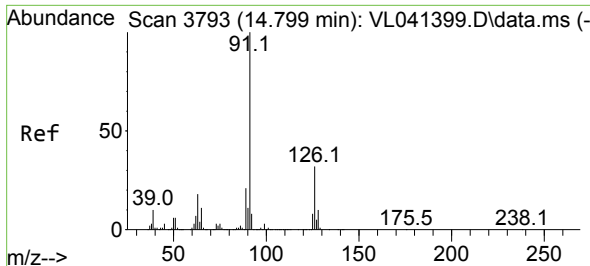
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#70
n-Butylbenzene
Concen: 10.568 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

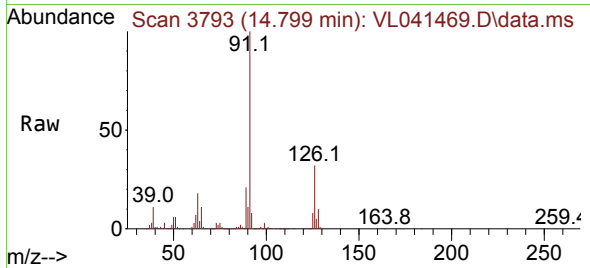
Tgt Ion: 91 Resp: 4448253
Ion Ratio Lower Upper
91 100
92 54.1 43.2 64.8
134 23.1 18.5 27.7





#71
2-Chlorotoluene
Concen: 10.440 ppbv
RT: 14.799 min Scan# 3793
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

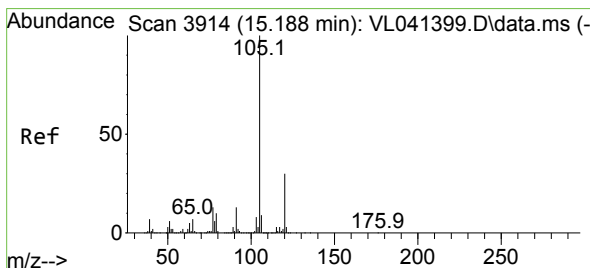
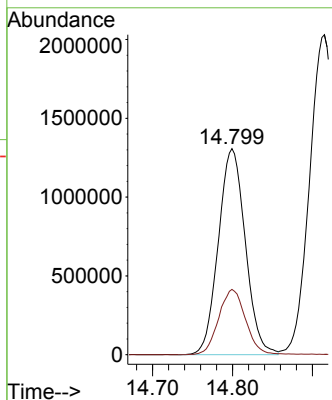
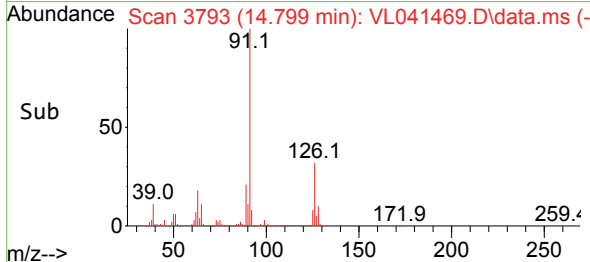
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



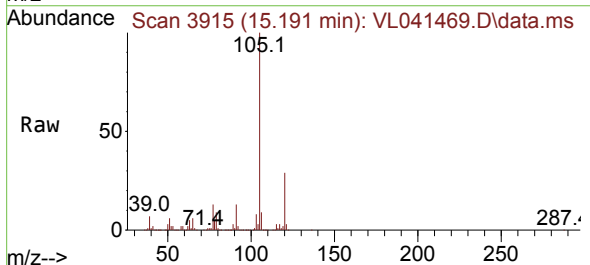
Tgt Ion: 91 Resp: 3061039
Ion Ratio Lower Upper
91 100
126 31.9 12.7 50.9

Manual Integrations
APPROVED

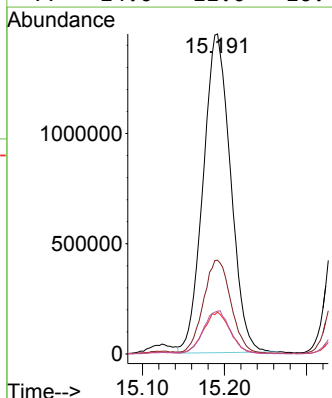
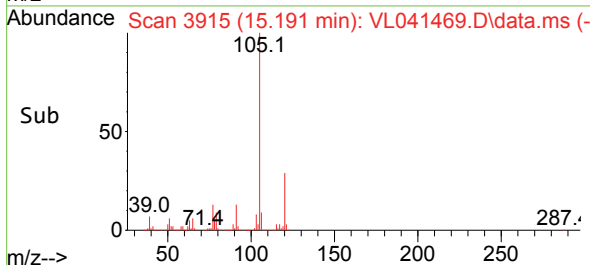
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

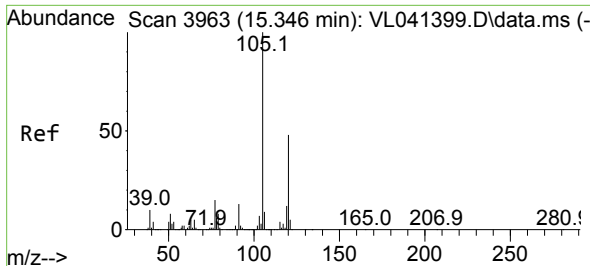


#72
4-Ethyltoluene
Concen: 10.915 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26



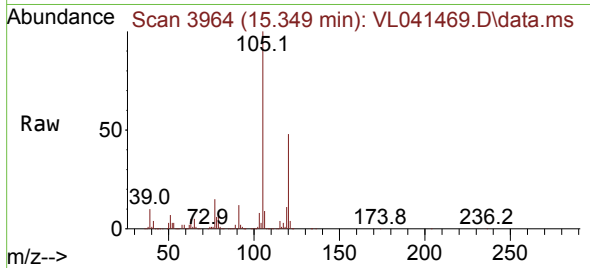
Tgt Ion:105 Resp: 3360877
Ion Ratio Lower Upper
105 100
120 30.9 24.2 36.2
91 13.5 10.4 15.6
77 14.0 11.0 16.4





#73
1,3,5-Trimethylbenzene
Concen: 10.813 ppbv
RT: 15.349 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

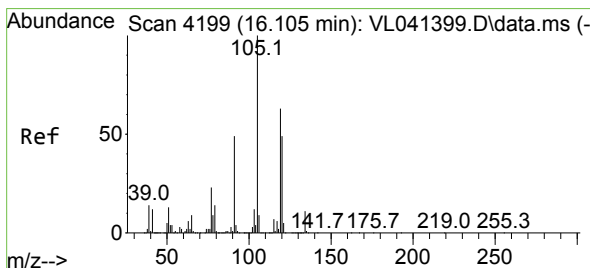
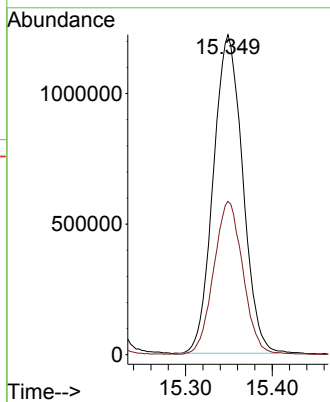
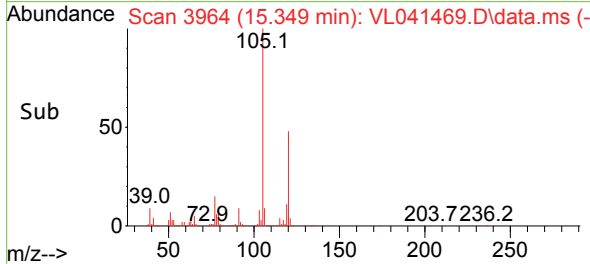
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



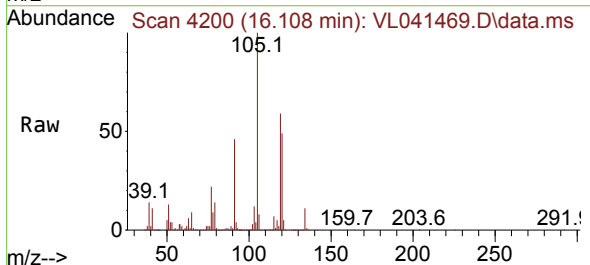
Tgt Ion:105 Resp: 286833
Ion Ratio Lower Upper
105 100
120 47.9 38.6 57.8

Manual Integrations
APPROVED

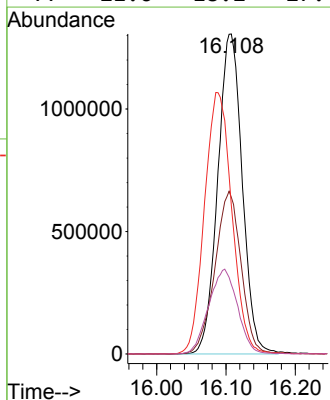
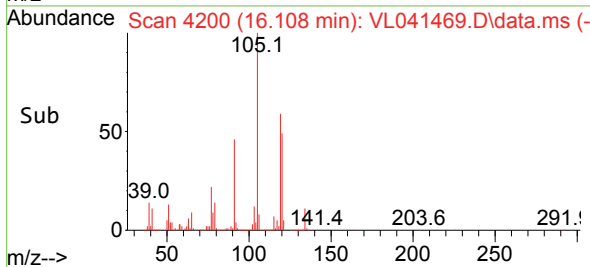
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

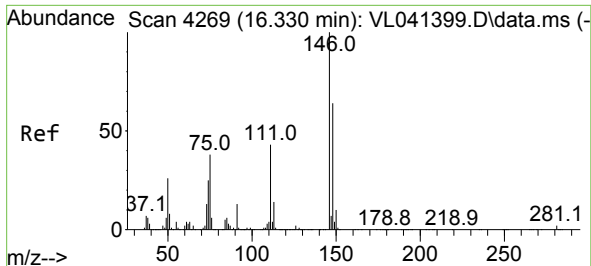


#74
1,2,4-Trimethylbenzene
Concen: 10.392 ppbv
RT: 16.108 min Scan# 4200
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26



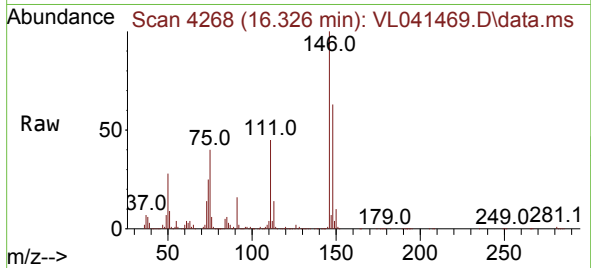
Tgt Ion:105 Resp: 3204898
Ion Ratio Lower Upper
105 100
120 48.9 39.5 59.3
91 46.2 39.8 59.8
77 21.6 18.2 27.4





#75
1,3-Dichlorobenzene
Concen: 10.277 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

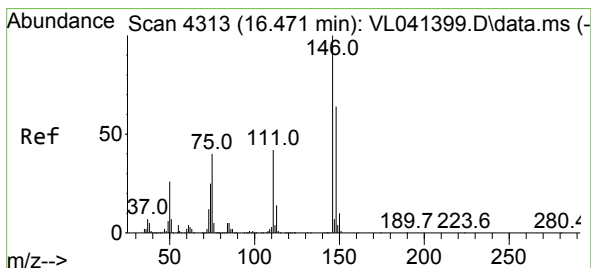
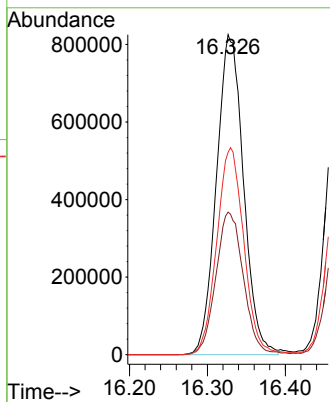
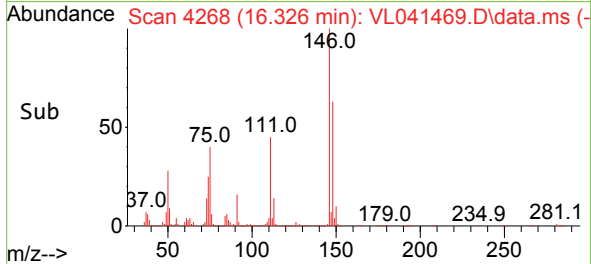
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



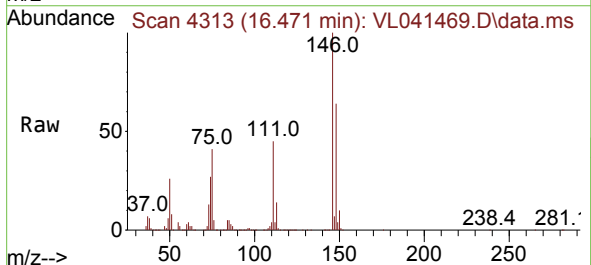
Tgt Ion:146 Resp: 199237
Ion Ratio Lower Upper
146 100
111 45.4 22.6 67.8
148 64.9 32.3 96.8

Manual Integrations
APPROVED

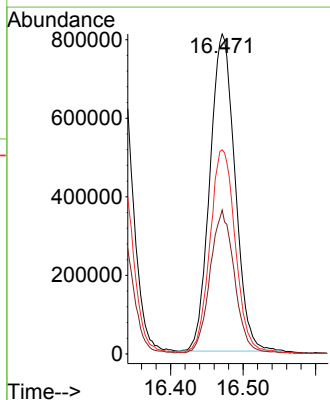
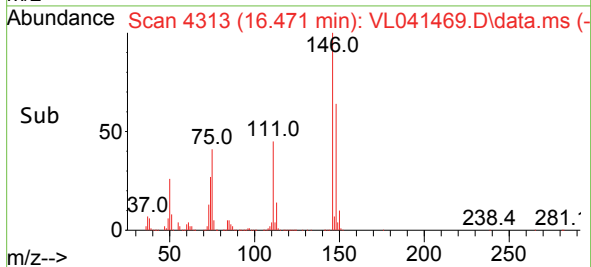
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

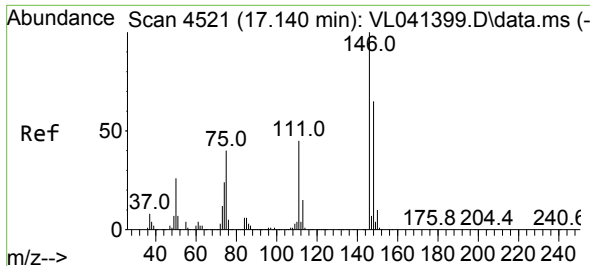


#76
1,4-Dichlorobenzene
Concen: 10.336 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26



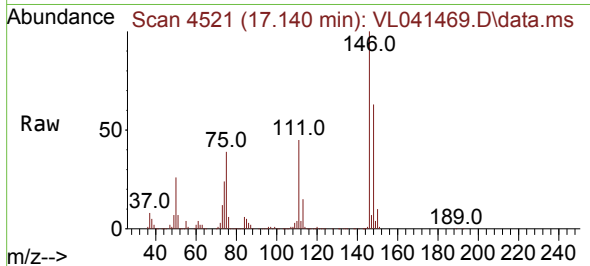
Tgt Ion:146 Resp: 1940194
Ion Ratio Lower Upper
146 100
111 44.6 22.4 67.0
148 65.8 33.1 99.5





#77
1,2-Dichlorobenzene
Concen: 10.160 ppbv
RT: 17.140 min Scan# 4521
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

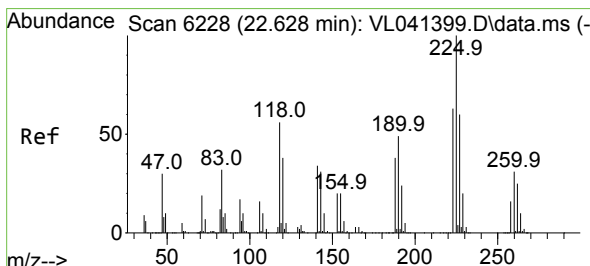
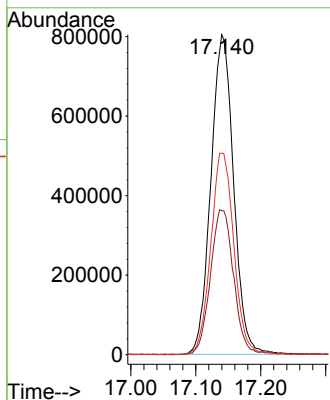
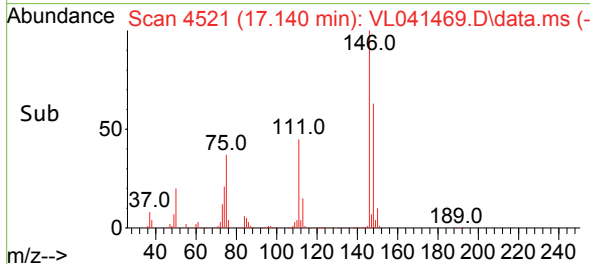
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 195248
Ion Ratio Lower Upper
146 100
111 46.5 23.4 70.0
148 64.2 32.2 96.6

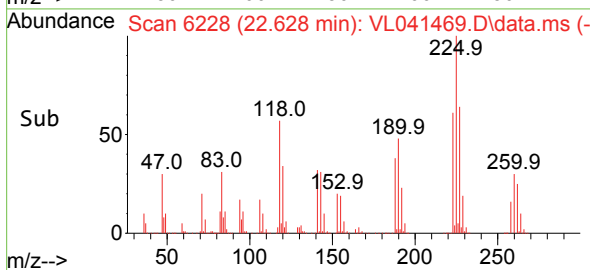
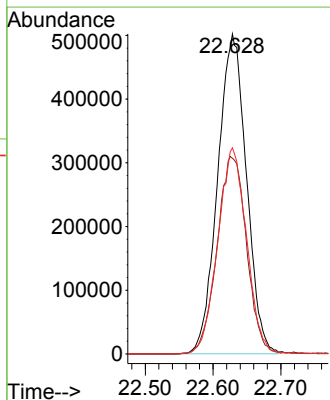
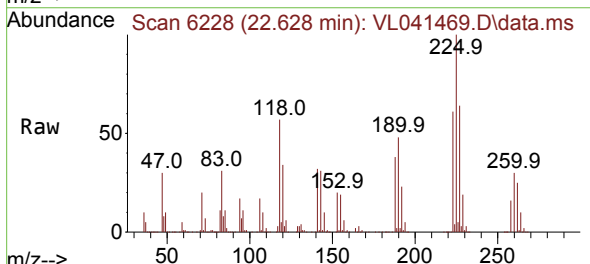
Manual Integrations
APPROVED

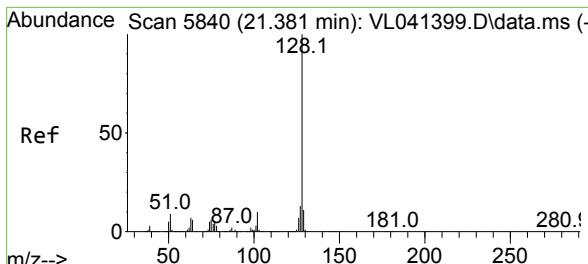
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#78
Hexachloro-1,3-Butadiene
Concen: 9.028 ppbv
RT: 22.628 min Scan# 6228
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

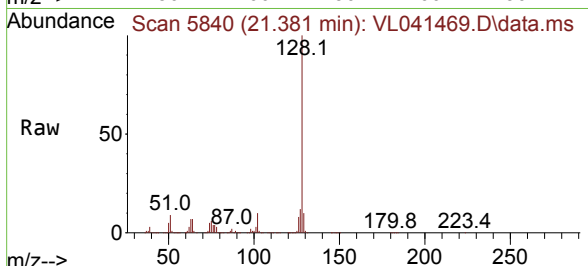
Tgt Ion:225 Resp: 1479561
Ion Ratio Lower Upper
225 100
223 63.6 50.6 76.0
227 64.7 50.8 76.2





#79
Naphthalene
Concen: 12.282 ppbv
RT: 21.381 min Scan# 5840
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

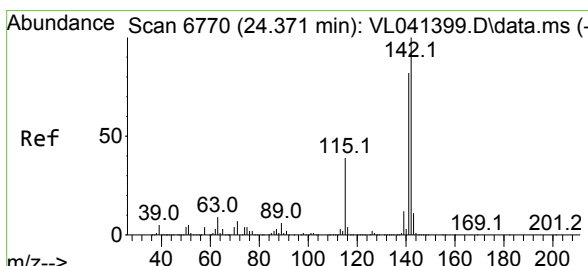
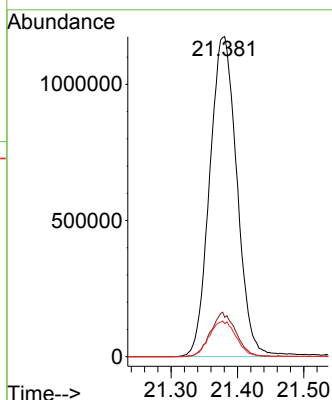
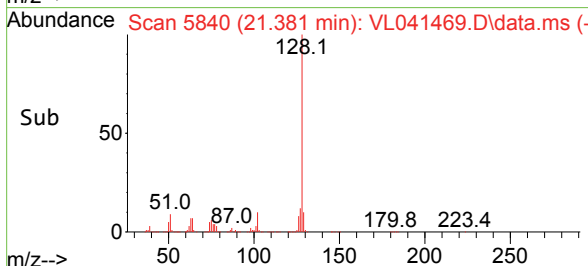
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



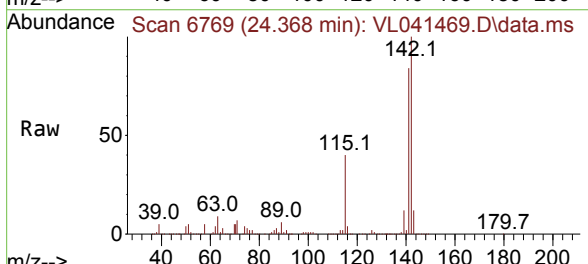
Tgt Ion:128 Resp: 3343125
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 10.3 9.0 13.4

Manual Integrations
APPROVED

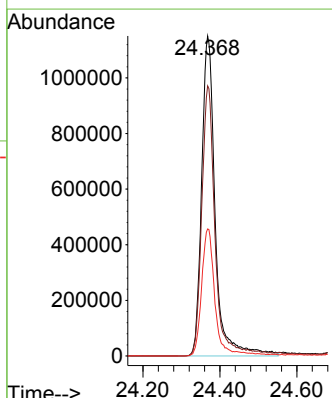
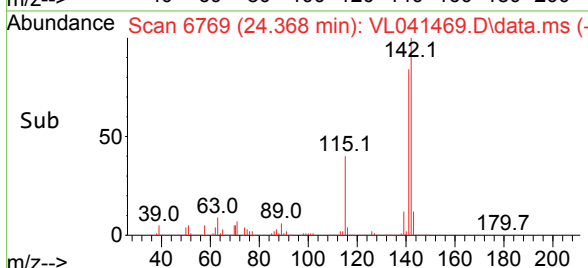
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

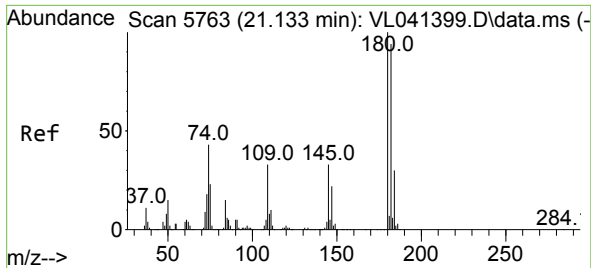


#80
Naphthalene,2-methyl-
Concen: 12.353 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26



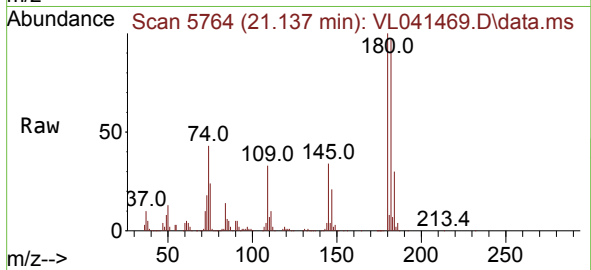
Tgt Ion:142 Resp: 2818526
Ion Ratio Lower Upper
142 100
141 84.4 67.0 100.4
115 40.0 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 10.711 ppbv
 RT: 21.137 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041469.D
 Acq: 1 Aug 2024 8:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1735010

Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.7	115.1
184	30.7	24.5	36.7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

