

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
 Data File : VL041319.D
 Acq On : 5 Jun 2024 7:51
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/05/2024
 Supervised By : Mahesh Dadoda 06/05/2024

Quant Time: Jun 05 08:39:24 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

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

QLast Update : Wed Jun 05 04:42:10 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	873357	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	3191965	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	3608967m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 3508591 12.592 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 125.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.758	85	1429977	10.253	ppbv	98
3) Chlorodifluoromethane	2.703	51	1273880	9.230	ppbv	99
4) Chloromethane	2.841	50	558702	10.755	ppbv	97
5) Vinyl Chloride	2.947	62	565647	10.809	ppbv	96
6) Bromomethane	3.144	94	298383	16.036	ppbv	95
7) Chloroethane	3.224	64	190387	10.567	ppbv	96
8) Dichlorotetrafluoroethane	2.883	85	1319091	10.284	ppbv	99
9) Propene	2.722	41	523183	10.642	ppbv	100
10) Heptane	7.587	43	1252274	10.747	ppbv	99
11) Trichlorofluoromethane	3.584	101	1337509	10.432	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.082	101	963771	10.642	ppbv	100
13) Ethanol	3.259	45	161570	12.633	ppbv	96
14) Bromoethene	3.388	108	393383	10.733	ppbv	98
15) Acetone	3.488	43	1132796	11.360	ppbv	100
16) 1,3-Butadiene	3.012	39	573041	11.432	ppbv	99
17) tert-Butyl alcohol	3.896	59	1071727	11.674	ppbv	99
18) 1,1-Dichloroethene	3.899	96	427856	11.075	ppbv	97
19) Isopropyl Alcohol	3.594	45	799911	12.768	ppbv	100
20) Methylene Chloride	3.951	84	364892	10.068	ppbv	96
21) Allyl Chloride	4.015	41	741417	11.737	ppbv	98
22) trans-1,2-Dichloroethene	4.462	96	440316	10.937	ppbv	97
23) Vinyl Acetate	4.642	43	1281340	12.564	ppbv	99
24) 1,1-Dichloroethane	4.581	63	962496	10.729	ppbv	99
25) Ethyl Acetate	5.217	43	2126892	10.782	ppbv	100
26) Hexane	5.227	57	918252	10.351	ppbv	99
27) Carbon Disulfide	4.143	76	1088760	11.080	ppbv	100
28) Methyl tert-Butyl Ether	4.600	73	687274	10.453	ppbv	99
29) Chloroform	5.288	83	1382752	10.159	ppbv	98
30) Cyclohexane	6.610	84	748595	10.411	ppbv	97
31) cis-1,2-Dichloroethene	5.092	61	913682	10.899	ppbv	98
32) 1,1,1-Trichloroethane	6.012	97	1366022	10.596	ppbv	100
34) 2-Butanone	4.799	43	1197660	7.832	ppbv	97
35) Carbon Tetrachloride	6.504	117	1317097	7.260	ppbv	97
36) Benzene	6.378	78	1913043	7.732	ppbv	99
37) 1,2-Dichloroethane	5.819	62	1093919	7.584	ppbv	100
38) Trichloroethene	7.298	130	714323	7.124	ppbv	97
39) 1,2-Dichloropropane	7.079	63	737886	7.490	ppbv	97
40) 1,4-Dioxane	7.291	88	288278	7.990	ppbv #	1
41) Tetrahydrofuran	5.568	42	828020	8.322	ppbv	98
42) Bromodichloromethane	7.259	83	1558229	7.522	ppbv	99
43) Methyl Methacrylate	7.478	69	785223	8.330	ppbv	99
44) 2,2,4-Trimethylpentane	7.336	57	3252343	7.644	ppbv	98
45) t-1,3-Dichloropropene	8.716	75	870797	13.690	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
 Data File : VL041319.D
 Acq On : 5 Jun 2024 7:51
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/05/2024
 Supervised By : Mahesh Dadoda 06/05/2024

Quant Time: Jun 05 08:39:24 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

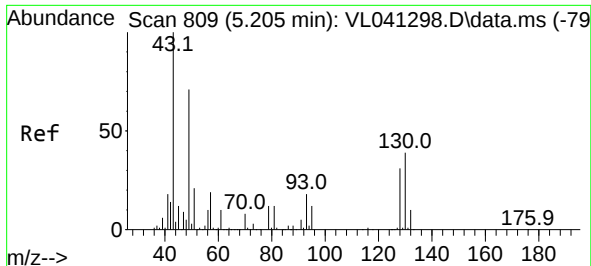
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Jun 05 04:42:10 2024

Response via : Initial Calibration

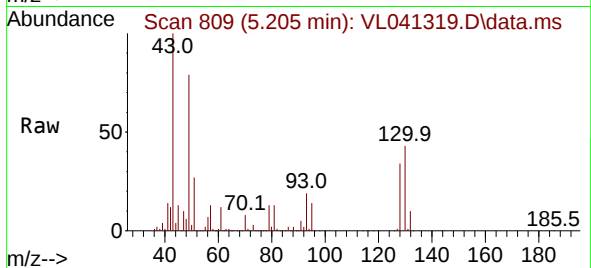
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	1088948	13.299	ppbv	99
47) 1,1,2-Trichloroethane	8.902	97	786615	7.641	ppbv	99
48) Dibromochloromethane	9.716	129	1308870	7.715	ppbv	100
49) Bromoform	12.407	173	1087317	7.953	ppbv	100
50) 4-Methyl-2-Pentanone	8.185	43	2146774	8.481	ppbv	99
51) 2-Hexanone	9.552	43	1741975	9.682	ppbv #	98
52) Tetrachloroethene	10.619	164	675997	7.492	ppbv	97
53) Toluene	9.224	91	2231828	7.842	ppbv	99
54) 1,2-Dibromoethane	10.011	107	1171498	8.729	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.510	131	935035	6.126	ppbv #	18
57) Chlorobenzene	11.529	112	1653633	6.168	ppbv	99
58) Ethyl Benzene	12.089	91	3000202	6.485	ppbv	98
59) m/p-Xylene	12.375	91	5015299m	12.654	ppbv	
60) o-Xylene	13.056	91	2399559	6.350	ppbv	98
61) Styrene	12.896	104	1293999	6.985	ppbv	99
62) Isopropylbenzene	14.031	105	3529923	6.177	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.050	83	1701338	6.329	ppbv	100
64) n-propylbenzene	14.912	120	909872	6.178	ppbv	96
65) tert-Butylbenzene	16.088	119	3116918	6.135	ppbv	99
66) Benzyl Chloride	16.326	91	440441	13.177	ppbv	98
67) sec-Butylbenzene	16.635	105	4439115	6.185	ppbv	100
69) p-Isopropyltoluene	16.995	119	3704702	6.264	ppbv	100
70) n-Butylbenzene	17.886	91	3902209	6.359	ppbv	100
71) 2-Chlorotoluene	14.799	91	2689748	6.150	ppbv	99
72) 4-Ethyltoluene	15.191	105	2824197	6.416	ppbv	100
73) 1,3,5-Trimethylbenzene	15.352	105	2492361	6.523	ppbv	99
74) 1,2,4-Trimethylbenzene	16.108	105	2721693	6.299	ppbv	94
75) 1,3-Dichlorobenzene	16.329	146	1583939	6.245	ppbv	99
76) 1,4-Dichlorobenzene	16.474	146	1552025	6.123	ppbv	100
77) 1,2-Dichlorobenzene	17.143	146	1550685	6.107	ppbv	100
78) Hexachloro-1,3-Butadiene	22.635	225	1125146m	5.407	ppbv	
79) Naphthalene	21.384	128	2813625	7.504	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	988013	7.803	ppbv	99
81) 1,2,4-Trichlorobenzene	21.140	180	1282194	6.133	ppbv #	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.000 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

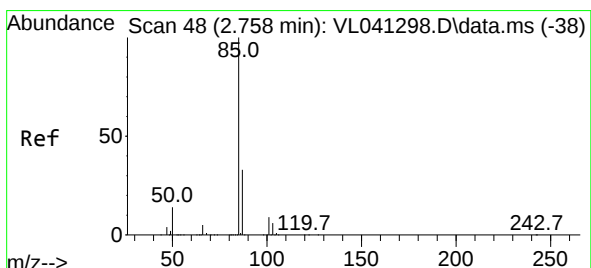
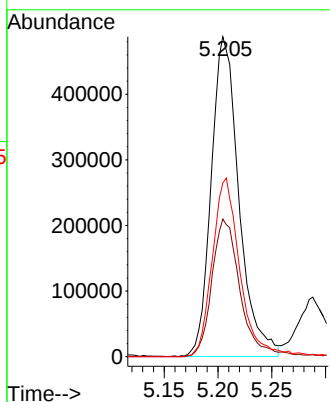
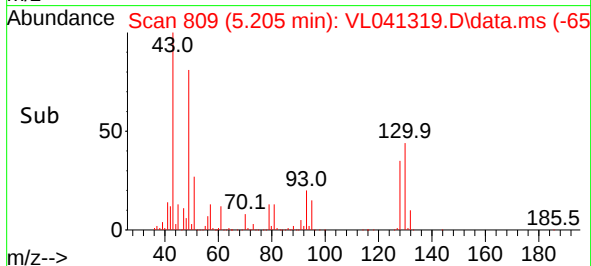
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 87335
Ion Ratio Lower Upper
49 100
128 44.8 22.8 68.3
130 56.5 28.4 85.3

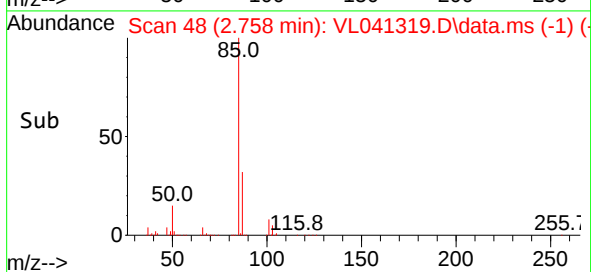
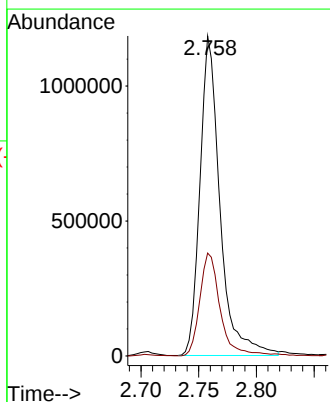
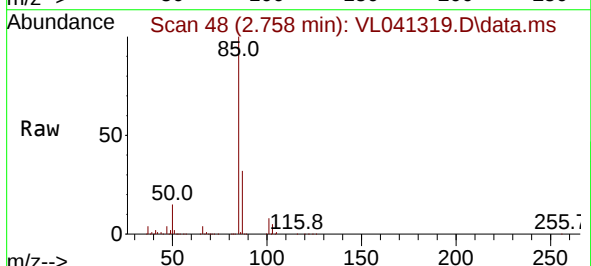
Manual Integrations
APPROVED

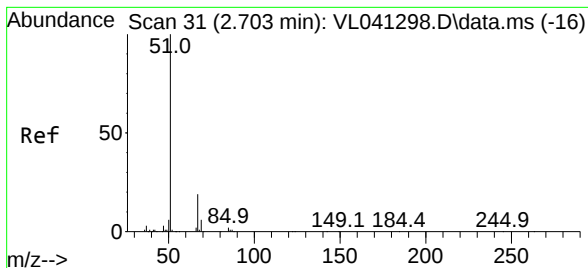
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#2
Dichlorodifluoromethane
Concen: 10.253 ppbv
RT: 2.758 min Scan# 48
Delta R.T. -0.000 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

Tgt Ion: 85 Resp: 1429977
Ion Ratio Lower Upper
85 100
87 32.2 26.5 39.7





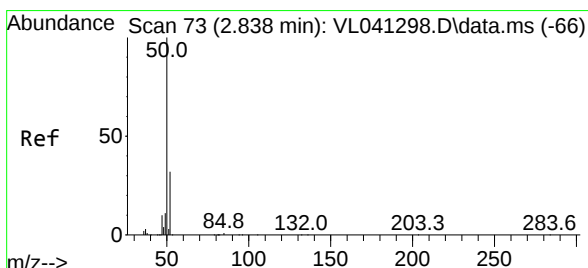
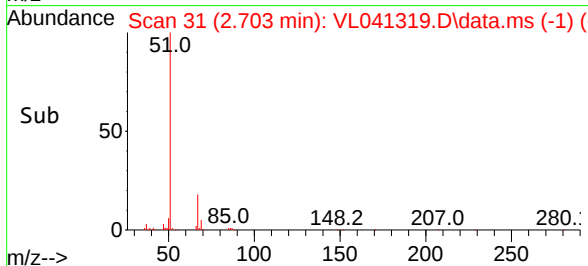
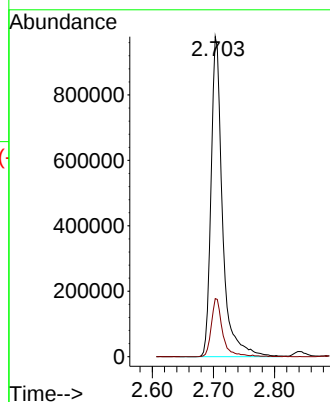
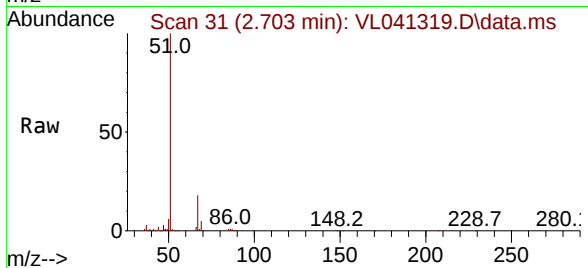
#3
Chlorodifluoromethane
Concen: 9.230 ppbv
RT: 2.703 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1273880
Ion Ratio Lower Upper
51 100
67 18.1 14.7 22.1

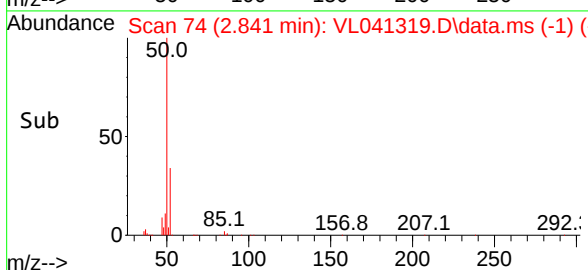
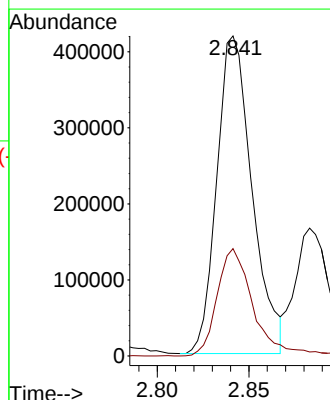
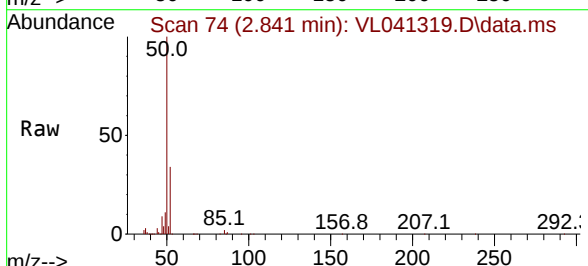
Manual Integrations
APPROVED

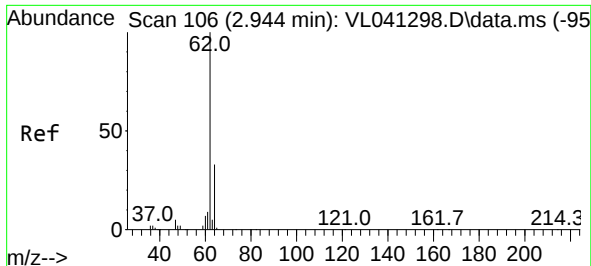
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#4
Chloromethane
Concen: 10.755 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

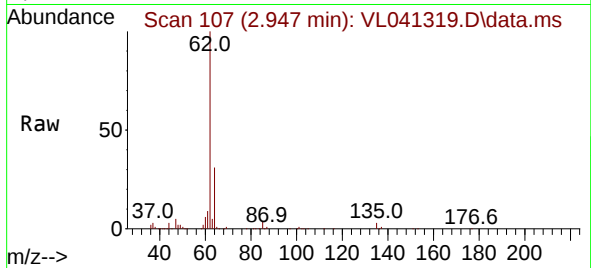
Tgt Ion: 50 Resp: 558702
Ion Ratio Lower Upper
50 100
52 33.8 25.6 38.4





#5
 Vinyl Chloride
 Concen: 10.809 ppbv
 RT: 2.947 min Scan# 106
 Delta R.T. 0.003 min
 Lab File: VL041319.D
 Acq: 5 Jun 2024 7:51

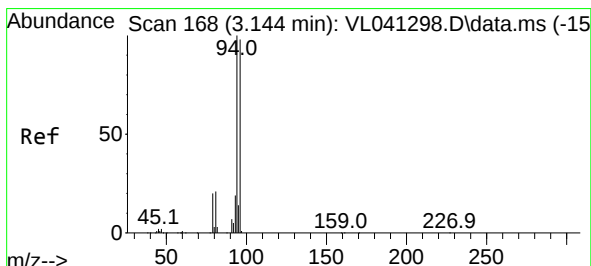
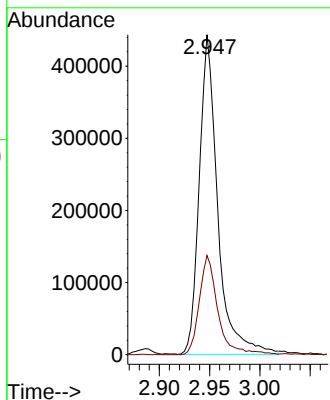
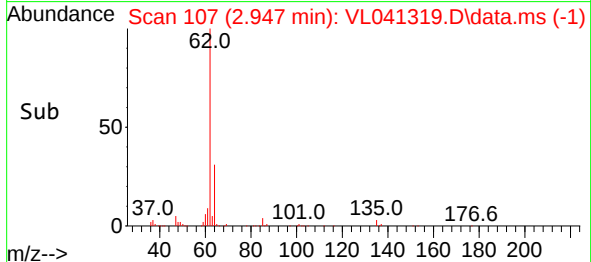
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 56564
 Ion Ratio Lower Upper
 62 100
 64 31.0 26.6 40.0

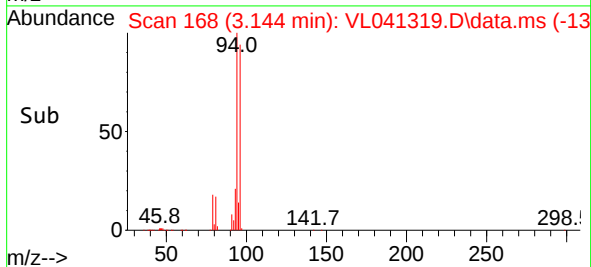
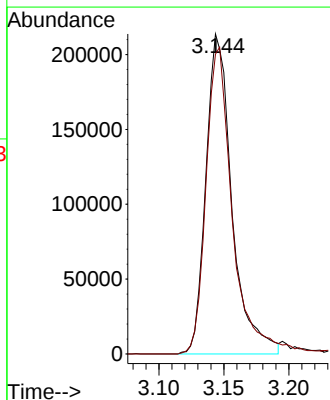
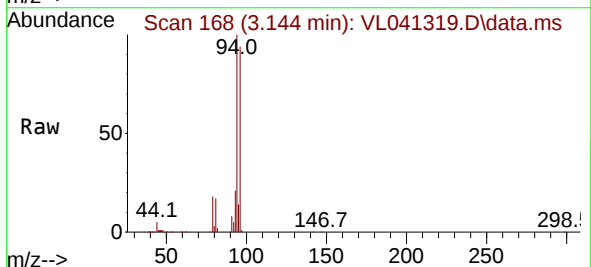
Manual Integrations
 APPROVED

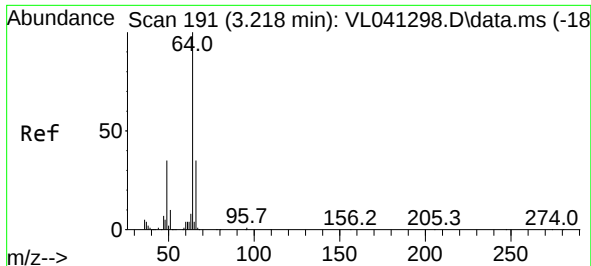
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024



#6
 Bromomethane
 Concen: 16.036 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. -0.000 min
 Lab File: VL041319.D
 Acq: 5 Jun 2024 7:51

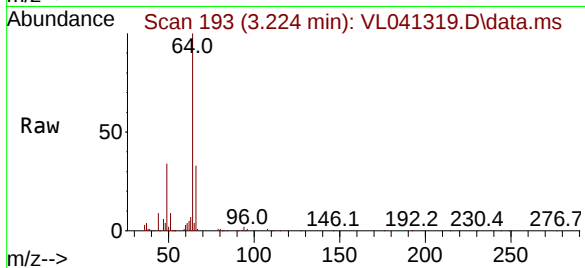
Tgt Ion: 94 Resp: 298383
 Ion Ratio Lower Upper
 94 100
 96 93.7 78.6 117.8





#7
Chloroethane
Concen: 10.567 ppbv
RT: 3.224 min Scan# 191
Delta R.T. 0.006 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

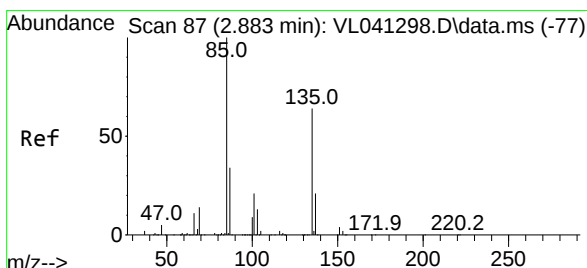
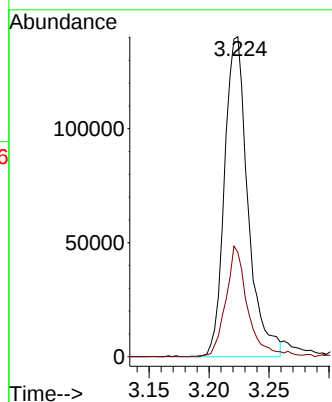
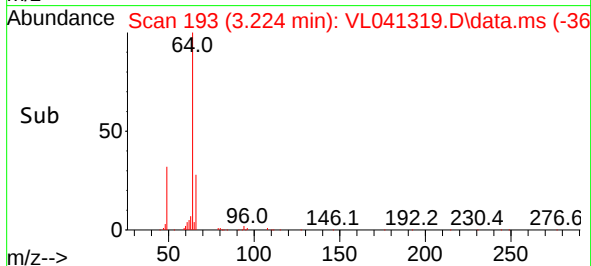
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 190385
Ion Ratio Lower Upper
64 100
66 32.7 28.1 42.1

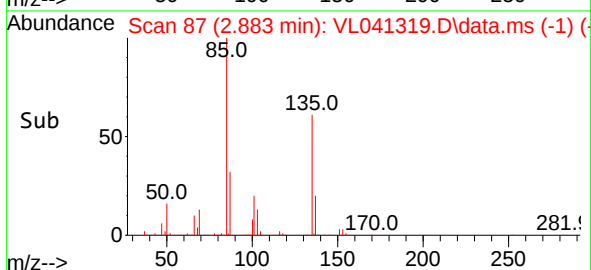
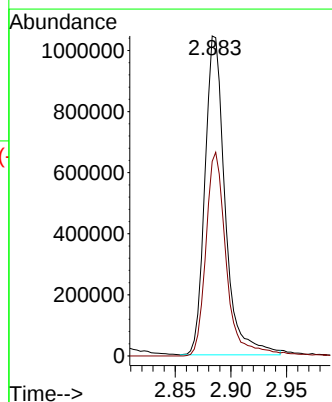
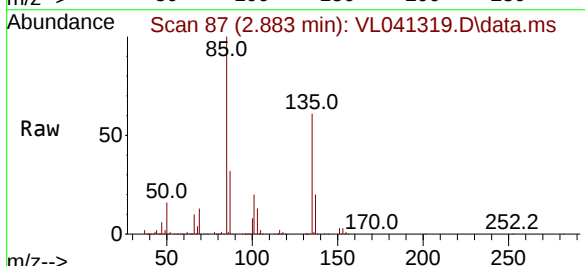
Manual Integrations
APPROVED

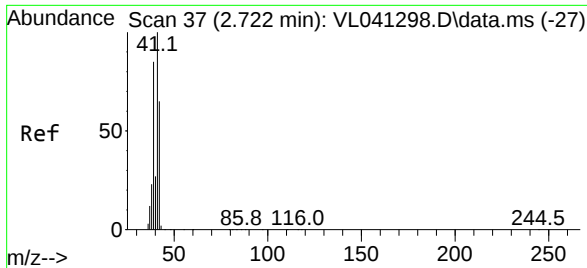
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#8
Dichlorotetrafluoroethane
Concen: 10.284 ppbv
RT: 2.883 min Scan# 87
Delta R.T. -0.000 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

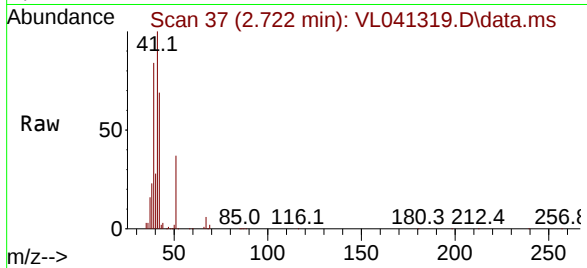
Tgt Ion: 85 Resp: 1319091
Ion Ratio Lower Upper
85 100
135 65.4 51.7 77.5





#9
 Propene
 Concen: 10.642 ppbv
 RT: 2.722 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VL041319.D
 Acq: 5 Jun 2024 7:51

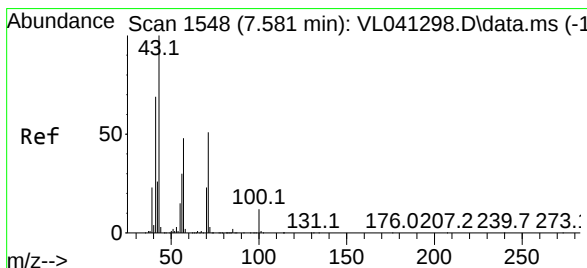
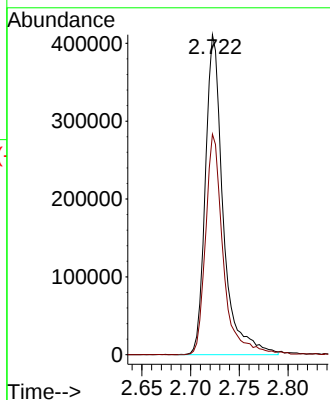
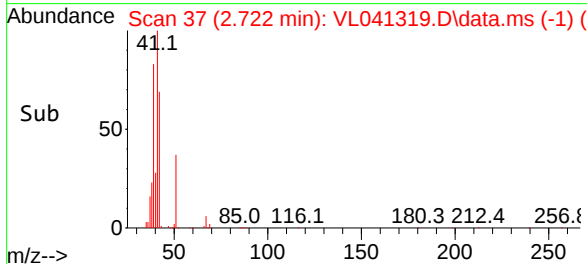
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



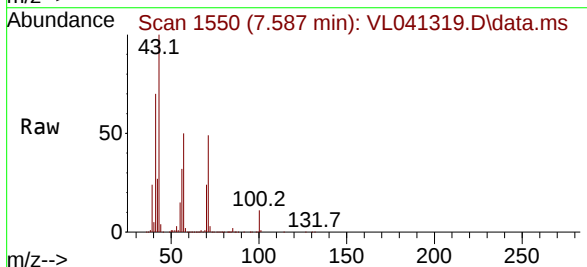
Tgt Ion: 41 Resp: 52318
 Ion Ratio Lower Upper
 41 100
 42 69.1 55.2 82.8

Manual Integrations
 APPROVED

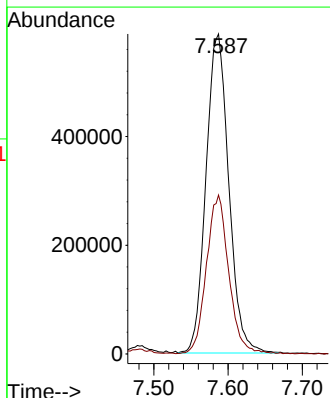
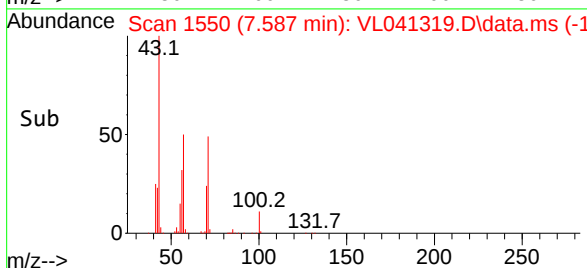
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

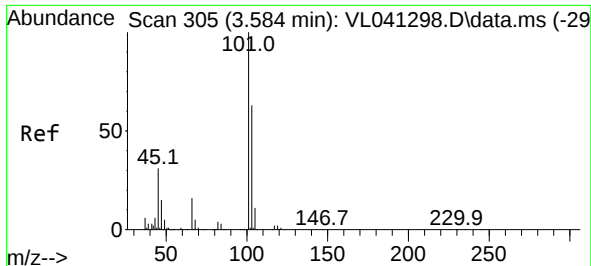


#10
 Heptane
 Concen: 10.747 ppbv
 RT: 7.587 min Scan# 1550
 Delta R.T. 0.006 min
 Lab File: VL041319.D
 Acq: 5 Jun 2024 7:51



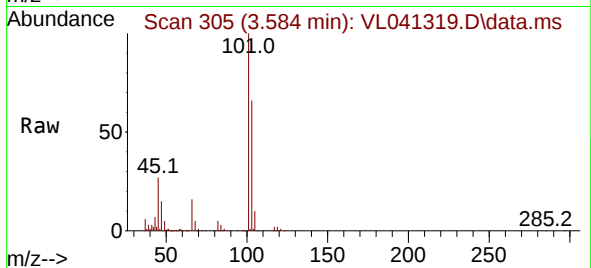
Tgt Ion: 43 Resp: 1252274
 Ion Ratio Lower Upper
 43 100
 57 49.2 39.0 58.4





#11
Trichlorofluoromethane
Concen: 10.432 ppbv
RT: 3.584 min Scan# 305
Delta R.T. -0.000 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

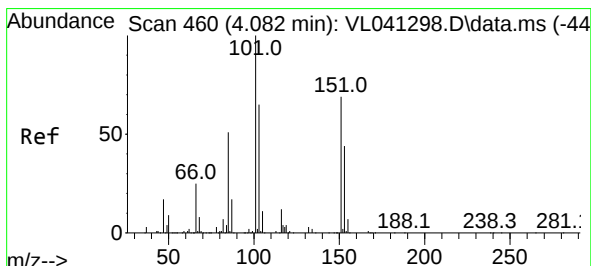
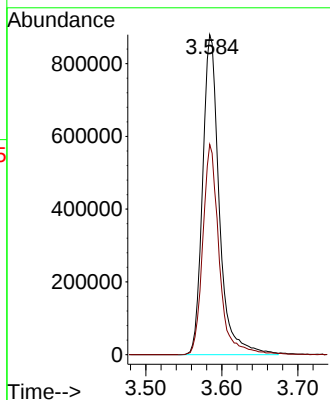
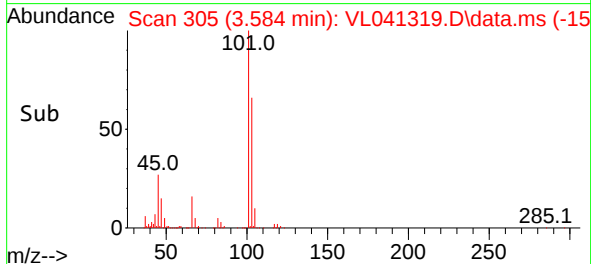
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



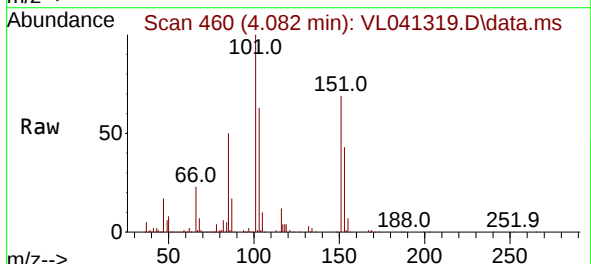
Tgt Ion:101 Resp: 1337509
Ion Ratio Lower Upper
101 100
103 65.7 50.6 76.0

Manual Integrations
APPROVED

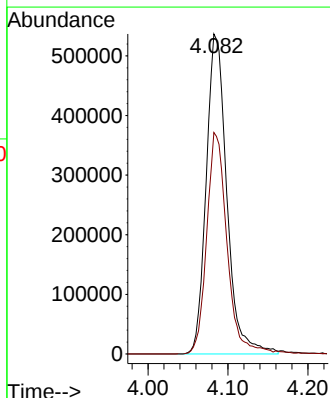
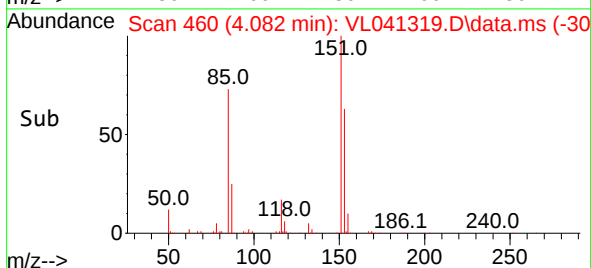
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

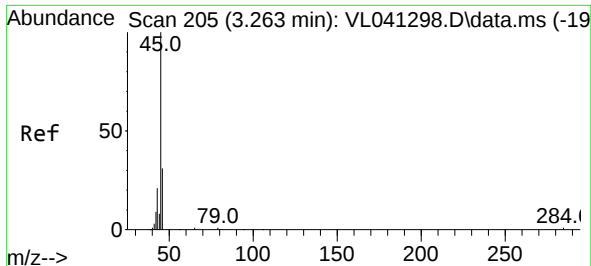


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.642 ppbv
RT: 4.082 min Scan# 460
Delta R.T. -0.000 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51



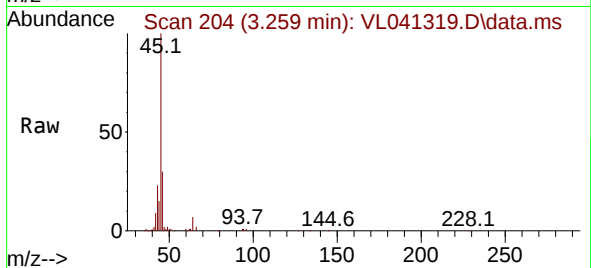
Tgt Ion:101 Resp: 963771
Ion Ratio Lower Upper
101 100
151 68.8 54.8 82.2





#13
Ethanol
Concen: 12.633 ppbv
RT: 3.259 min Scan# 205
Delta R.T. -0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

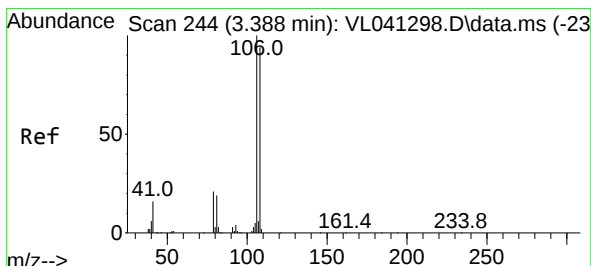
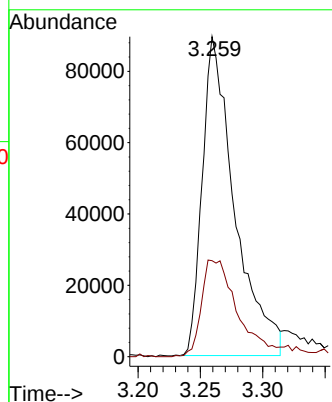
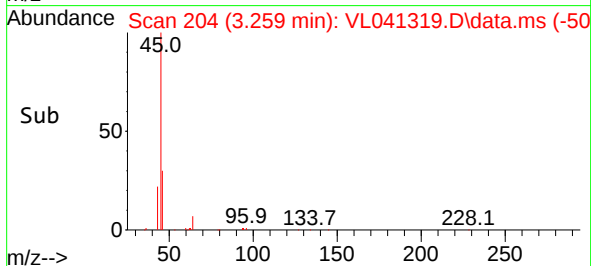
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



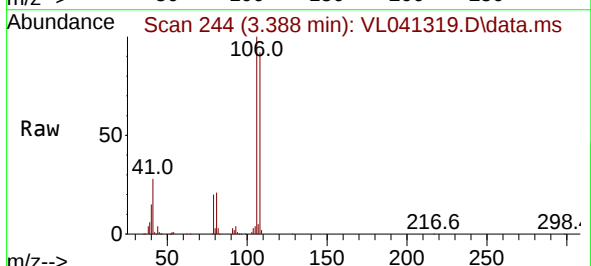
Tgt Ion: 45 Resp: 161570
Ion Ratio Lower Upper
45 100
46 37.8 14.2 56.6

Manual Integrations
APPROVED

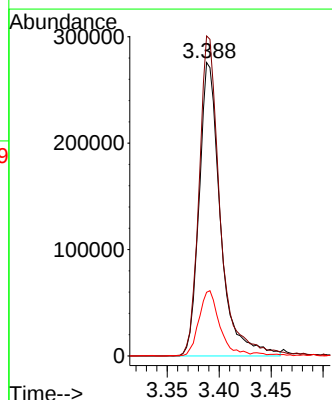
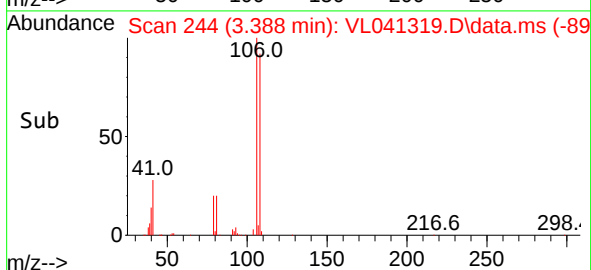
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

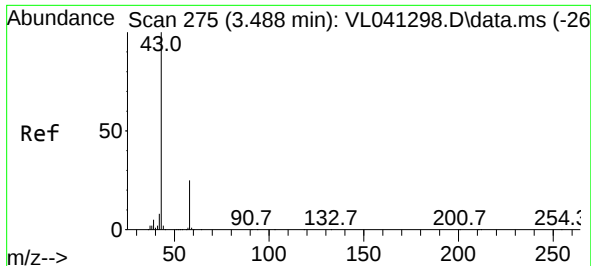


#14
Bromoethene
Concen: 10.733 ppbv
RT: 3.388 min Scan# 244
Delta R.T. -0.000 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51



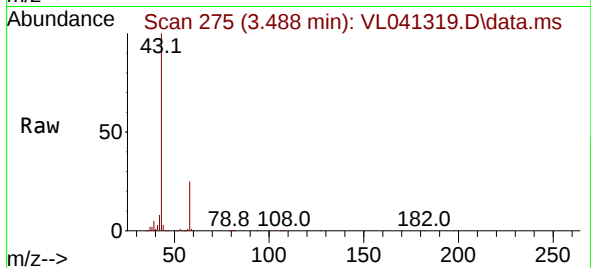
Tgt Ion:108 Resp: 393383
Ion Ratio Lower Upper
108 100
106 108.7 85.4 128.0
79 23.5 17.8 26.8





#15
Acetone
Concen: 11.360 ppbv
RT: 3.488 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

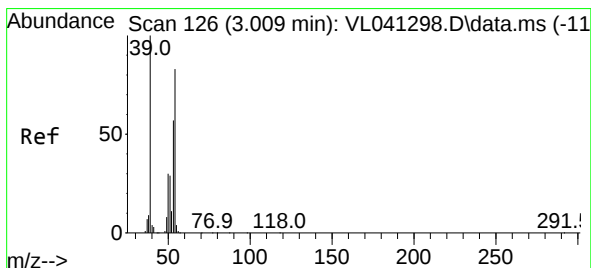
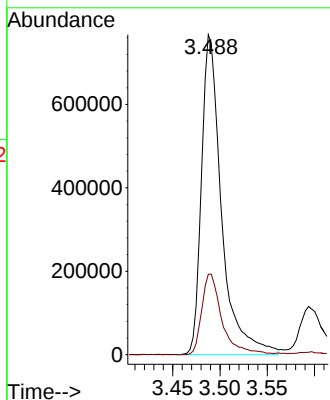
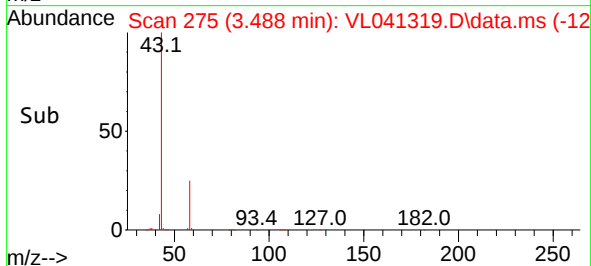
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



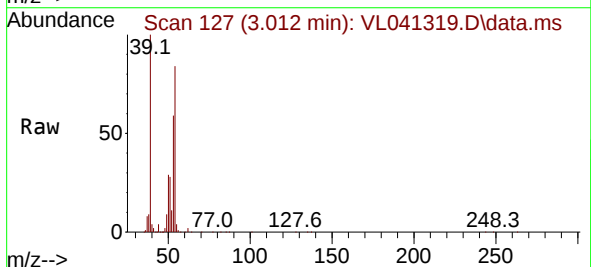
Tgt Ion: 43 Resp: 1132790
Ion Ratio Lower Upper
43 100
58 25.6 20.6 31.0

Manual Integrations
APPROVED

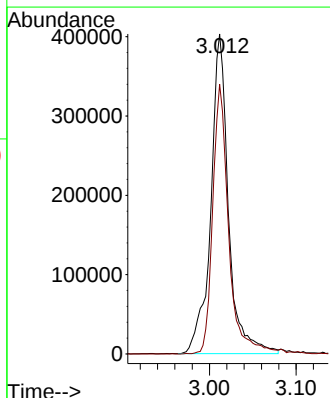
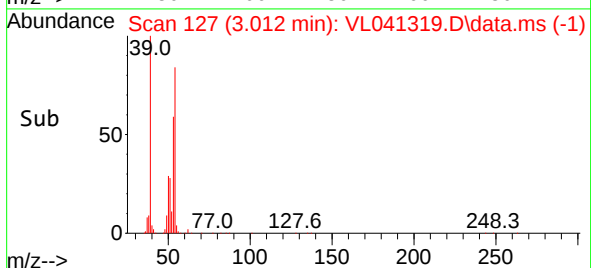
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

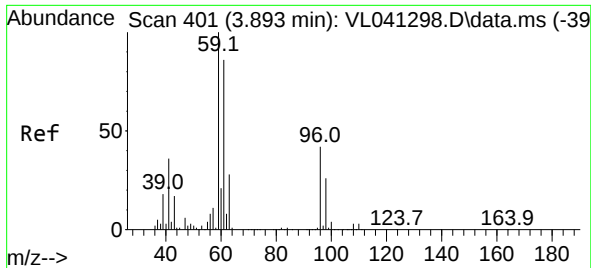


#16
1,3-Butadiene
Concen: 11.432 ppbv
RT: 3.012 min Scan# 127
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51



Tgt Ion: 39 Resp: 573041
Ion Ratio Lower Upper
39 100
54 76.9 60.5 90.7





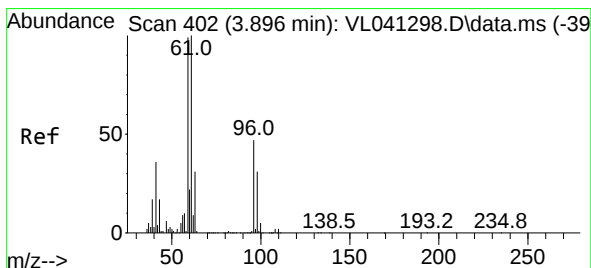
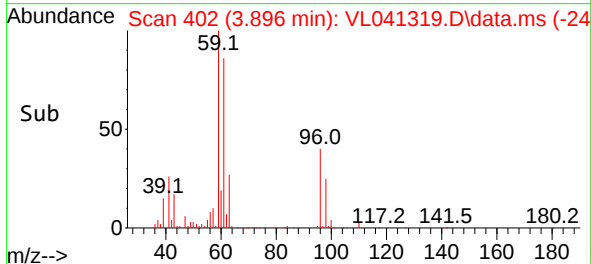
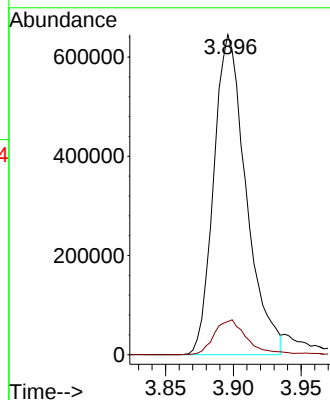
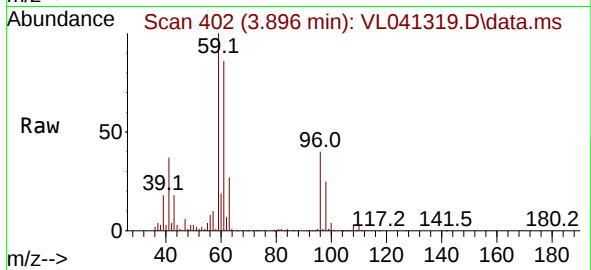
#17
tert-Butyl alcohol
Concen: 11.674 ppbv
RT: 3.896 min Scan# 401
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 107172
Ion Ratio Lower Upper
59 100
57 11.5 9.0 13.4

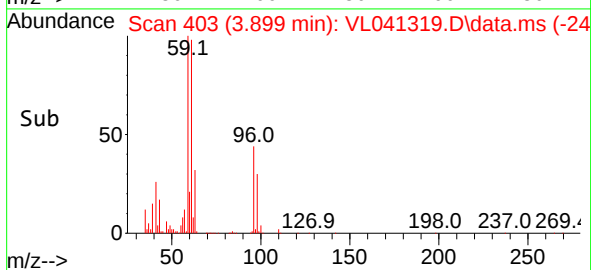
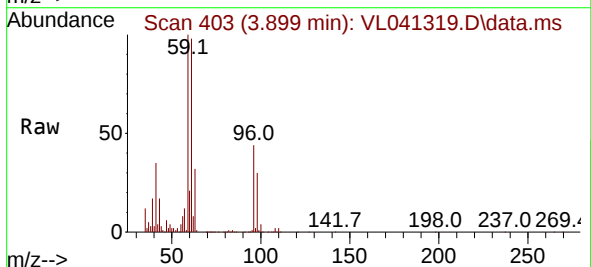
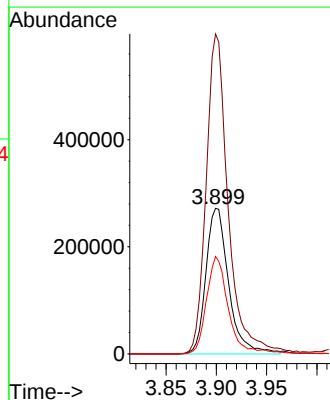
Manual Integrations
APPROVED

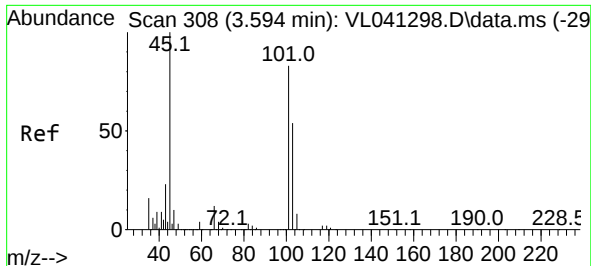
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#18
1,1-Dichloroethene
Concen: 11.075 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

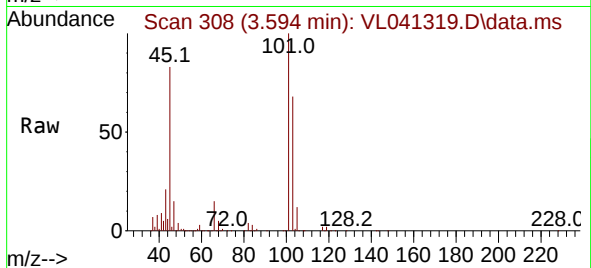
Tgt Ion: 96 Resp: 427856
Ion Ratio Lower Upper
96 100
61 219.7 171.8 257.8
98 67.0 53.1 79.7





#19
Isopropyl Alcohol
Concen: 12.768 ppbv
RT: 3.594 min Scan# 308
Delta R.T. -0.000 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

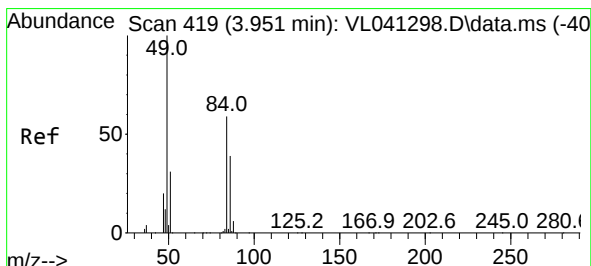
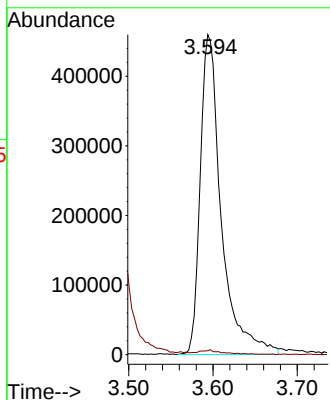
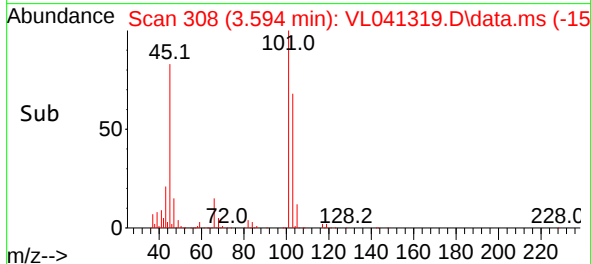
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



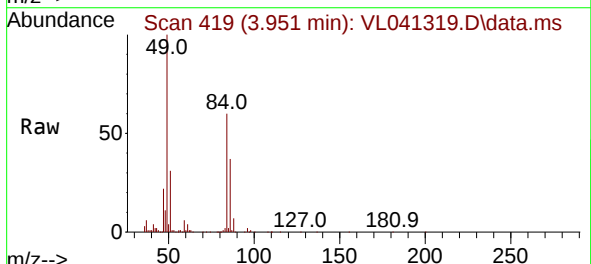
Tgt Ion: 45 Resp: 79991
Ion Ratio Lower Upper
45 100
58 1.8 1.4 2.2

Manual Integrations
APPROVED

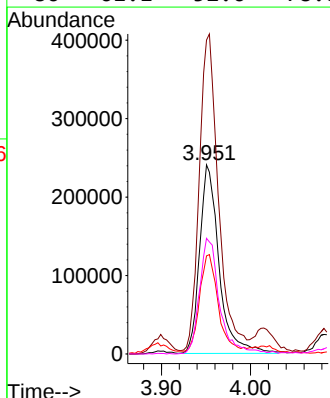
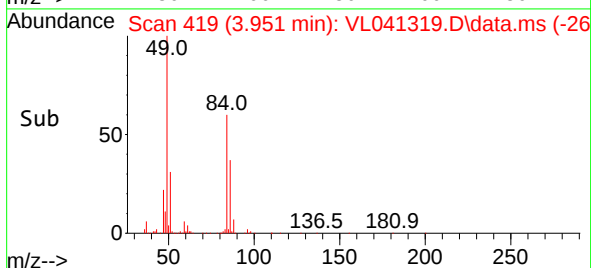
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

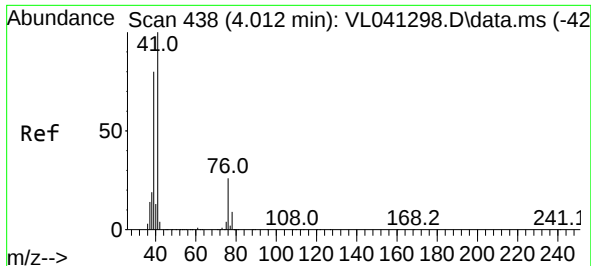


#20
Methylene Chloride
Concen: 10.068 ppbv
RT: 3.951 min Scan# 419
Delta R.T. -0.000 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51



Tgt Ion: 84 Resp: 364892
Ion Ratio Lower Upper
84 100
49 164.5 136.2 204.2
51 50.6 41.9 62.9
86 61.1 52.6 78.8





#21

Allyl Chloride

Concen: 11.737 ppbv

RT: 4.015 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041319.D

Acq: 5 Jun 2024 7:51

Instrument :

MSVOA_L

ClientSampleId :

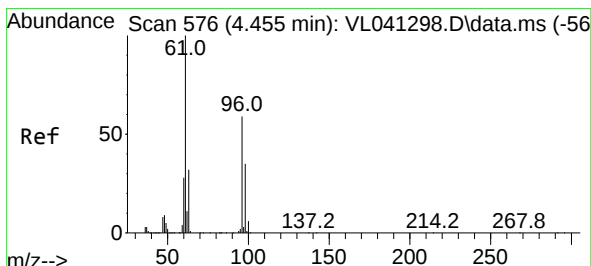
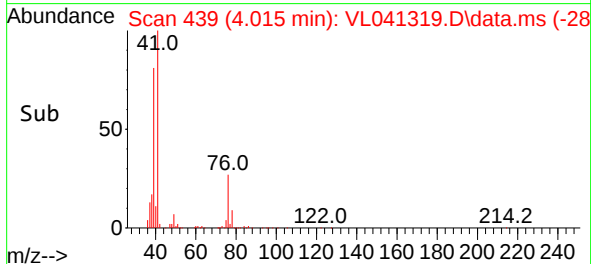
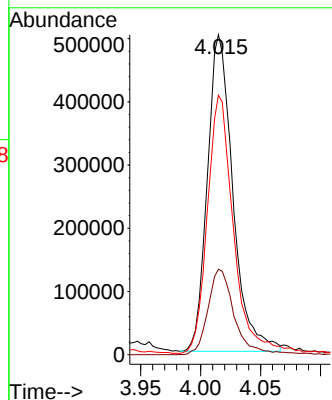
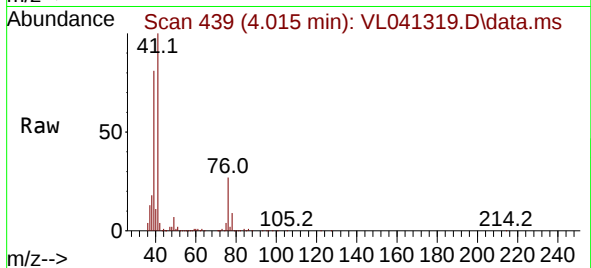
VSTDCCC010

Tgt Ion: 41	Resp: 74141
Ion Ratio	Lower Upper
41	100
76	28.1 22.3 33.5
39	84.7 66.3 99.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#22

trans-1,2-Dichloroethene

Concen: 10.937 ppbv

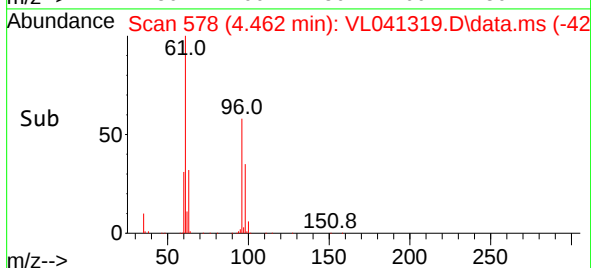
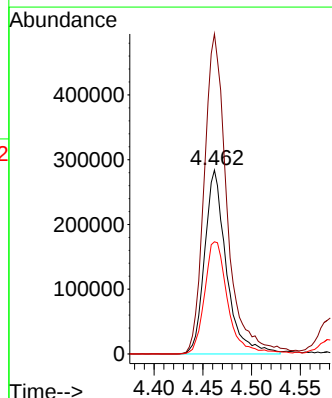
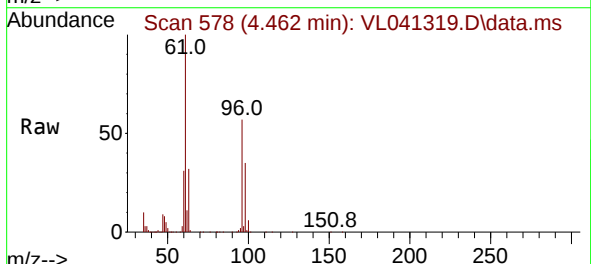
RT: 4.462 min Scan# 578

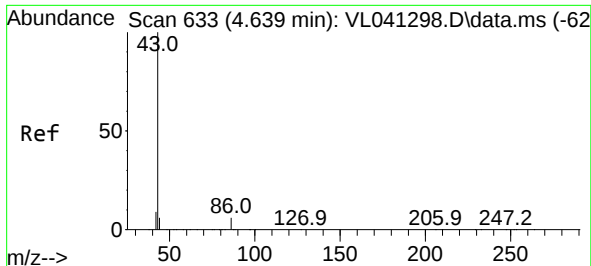
Delta R.T. 0.006 min

Lab File: VL041319.D

Acq: 5 Jun 2024 7:51

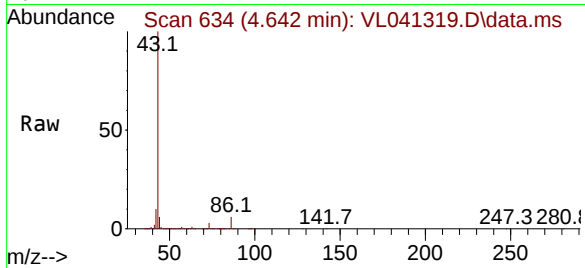
Tgt Ion: 96	Resp: 440316
Ion Ratio	Lower Upper
96	100
61	173.9 135.5 203.3
98	60.9 47.6 71.4





#23
 Vinyl Acetate
 Concen: 12.564 ppbv
 RT: 4.642 min Scan# 614
 Delta R.T. 0.003 min
 Lab File: VL041319.D
 Acq: 5 Jun 2024 7:51

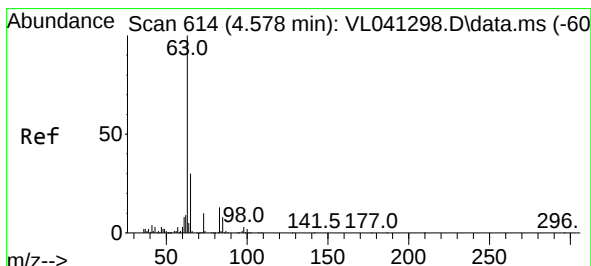
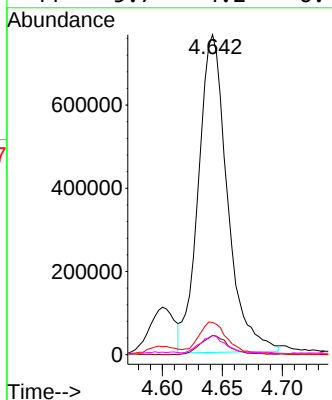
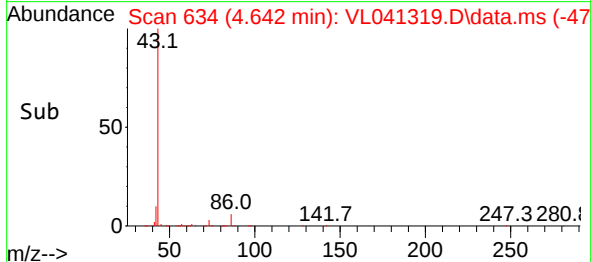
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



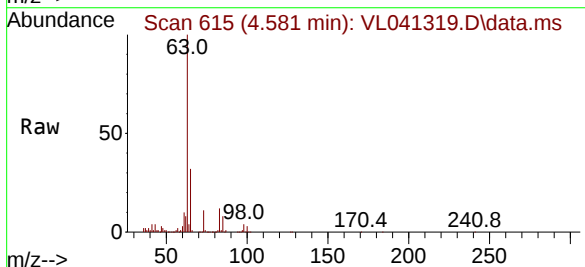
Tgt Ion: 43 Resp: 1281340
 Ion Ratio Lower Upper
 43 100
 86 6.2 4.7 7.1
 42 9.8 8.0 12.0
 44 5.7 4.2 6.4

Manual Integrations
 APPROVED

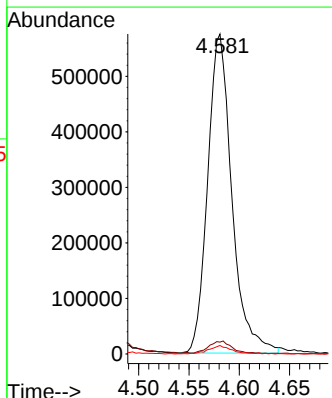
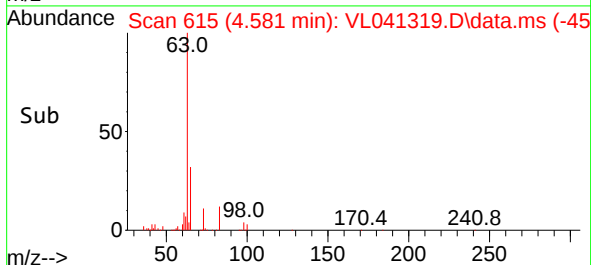
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

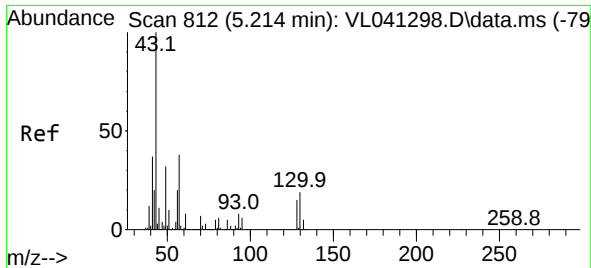


#24
 1,1-Dichloroethane
 Concen: 10.729 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. 0.003 min
 Lab File: VL041319.D
 Acq: 5 Jun 2024 7:51



Tgt Ion: 63 Resp: 962496
 Ion Ratio Lower Upper
 63 100
 98 3.5 1.9 5.7
 100 2.6 1.1 3.5





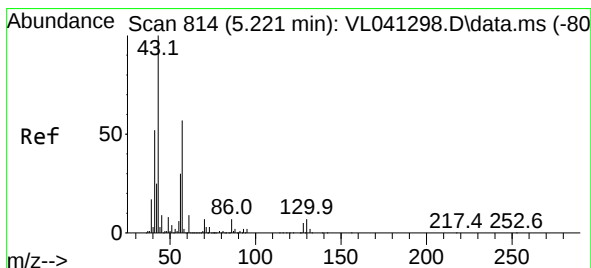
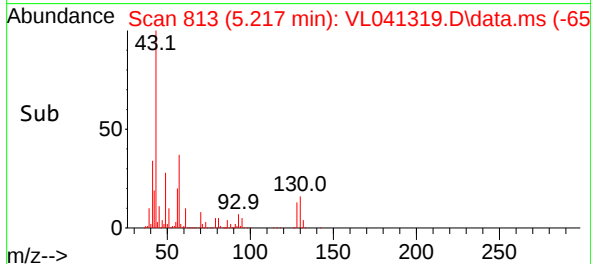
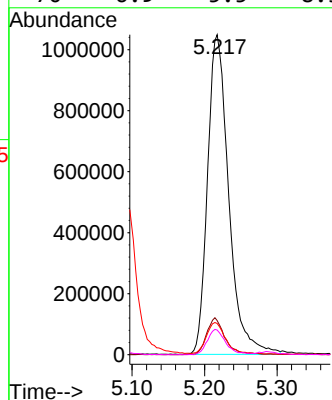
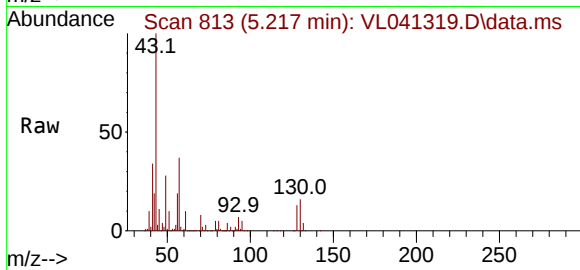
#25
Ethyl Acetate
Concen: 10.782 ppbv
RT: 5.217 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2126892
Ion Ratio Lower Upper
43 100
45 10.2 8.1 12.1
61 9.4 7.4 11.0
70 6.9 5.5 8.3

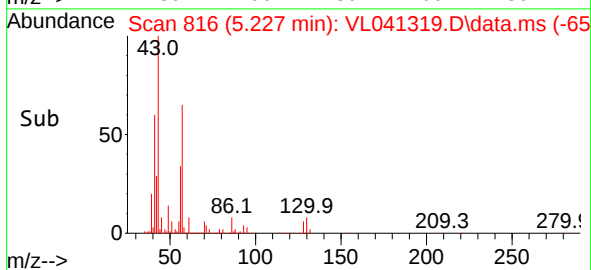
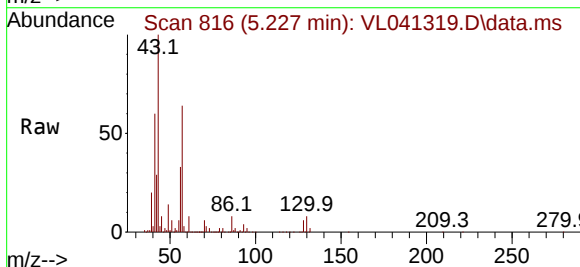
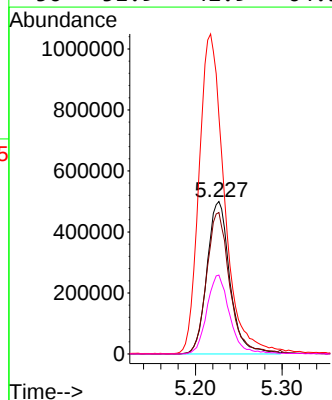
Manual Integrations
APPROVED

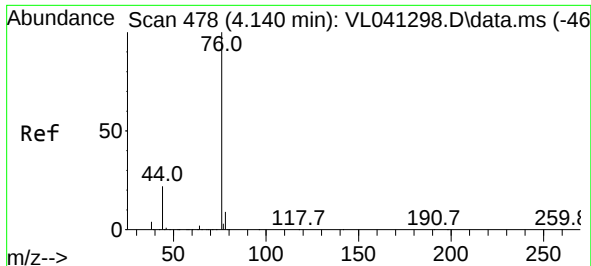
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#26
Hexane
Concen: 10.351 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.006 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

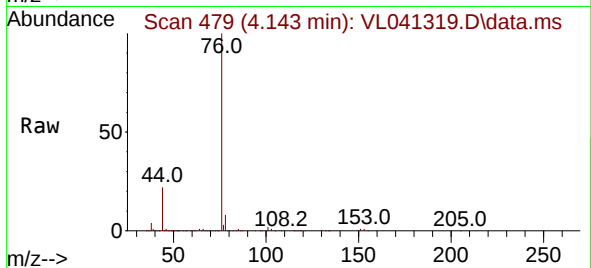
Tgt Ion: 57 Resp: 918252
Ion Ratio Lower Upper
57 100
41 95.3 77.1 115.7
43 233.7 186.1 279.1
56 51.9 42.9 64.3





#27
Carbon Disulfide
Concen: 11.080 ppbv
RT: 4.143 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

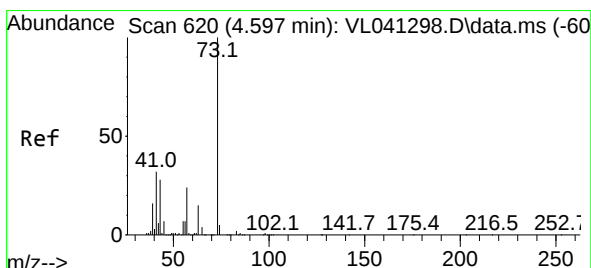
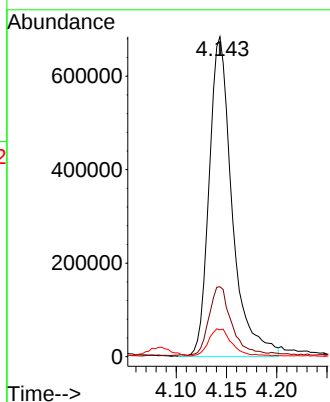
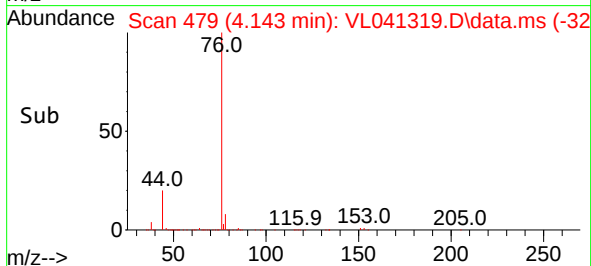
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



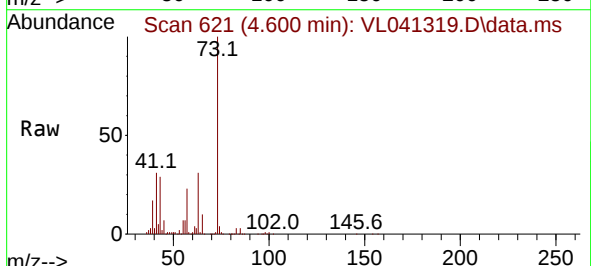
Tgt Ion: 76 Resp: 1088760
Ion Ratio Lower Upper
76 100
44 22.2 17.7 26.5
78 9.9 7.8 11.6

Manual Integrations
APPROVED

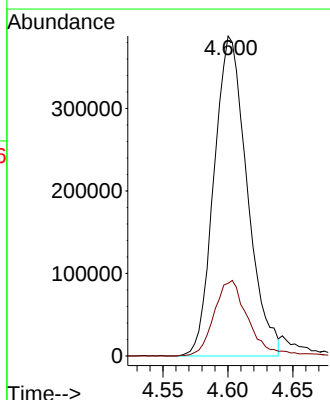
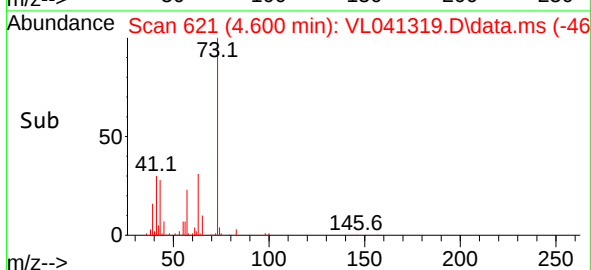
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

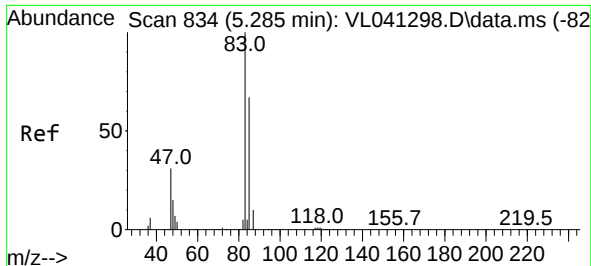


#28
Methyl tert-Butyl Ether
Concen: 10.453 ppbv
RT: 4.600 min Scan# 621
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51



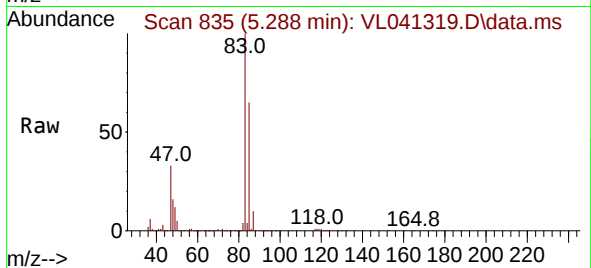
Tgt Ion: 73 Resp: 687274
Ion Ratio Lower Upper
73 100
57 24.7 19.2 28.8





#29
Chloroform
Concen: 10.159 ppbv
RT: 5.288 min Scan# 834
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

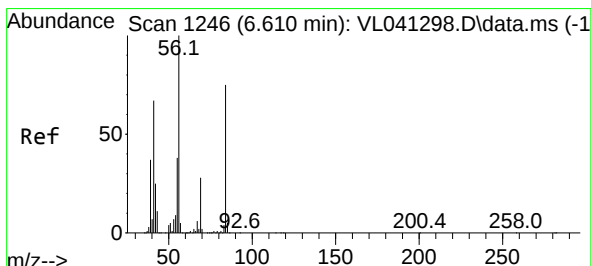
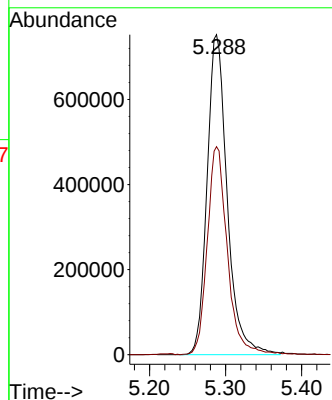
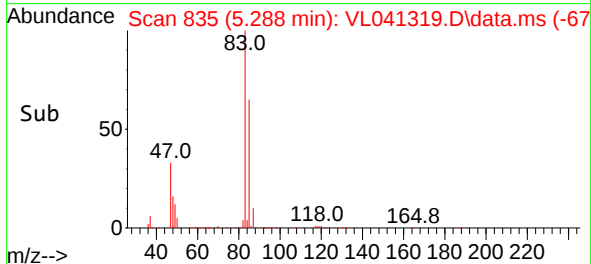
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 138275
Ion Ratio Lower Upper
83 100
85 65.0 53.3 79.9

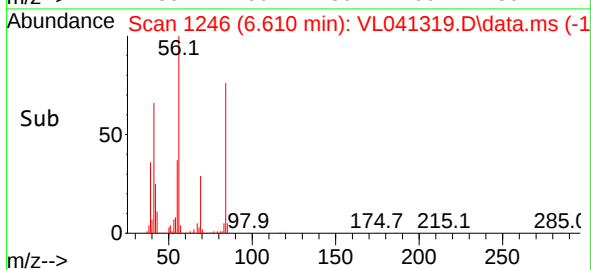
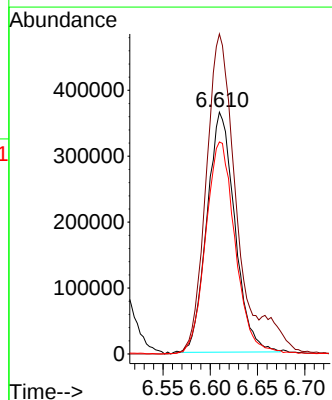
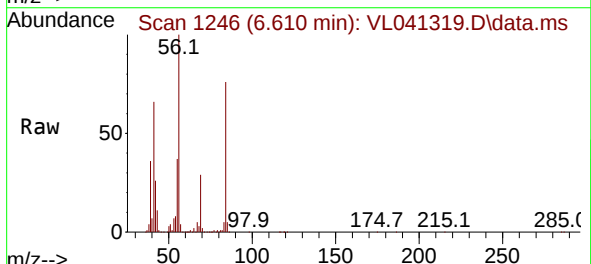
Manual Integrations
APPROVED

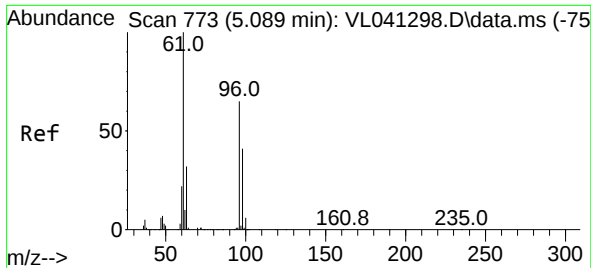
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#30
Cyclohexane
Concen: 10.411 ppbv
RT: 6.610 min Scan# 1246
Delta R.T. -0.000 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

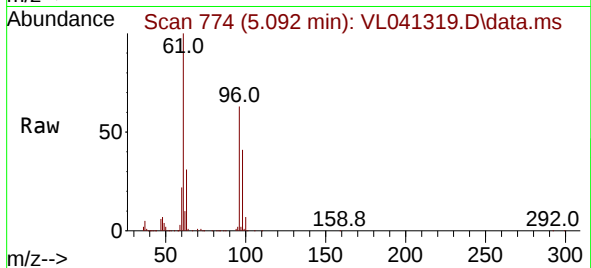
Tgt Ion: 84 Resp: 748595
Ion Ratio Lower Upper
84 100
56 148.9 114.9 172.3
41 93.5 74.4 111.6





#31
 cis-1,2-Dichloroethene
 Concen: 10.899 ppbv
 RT: 5.092 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL041319.D
 Acq: 5 Jun 2024 7:51

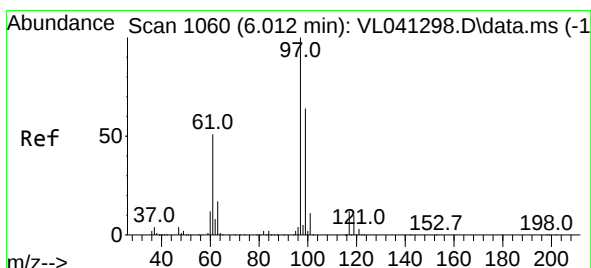
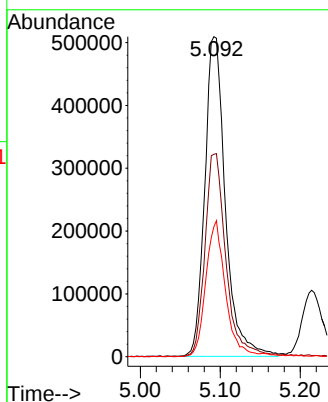
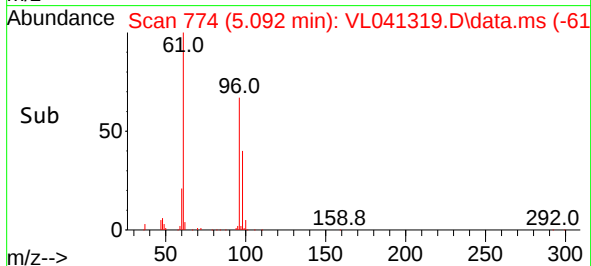
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



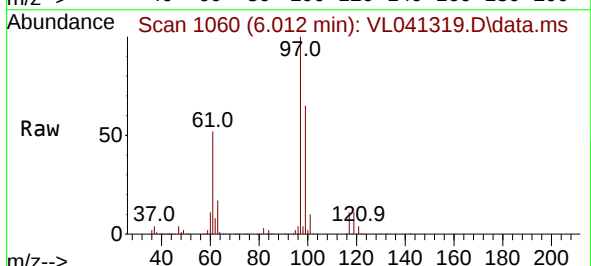
Tgt Ion: 61 Resp: 913682
 Ion Ratio Lower Upper
 61 100
 96 63.2 52.1 78.1
 98 40.6 33.1 49.7

Manual Integrations
 APPROVED

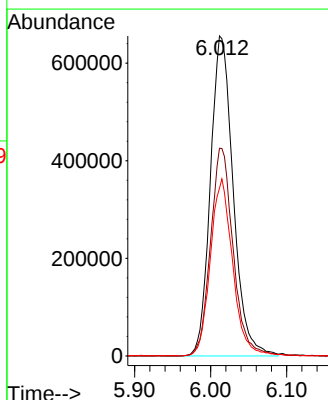
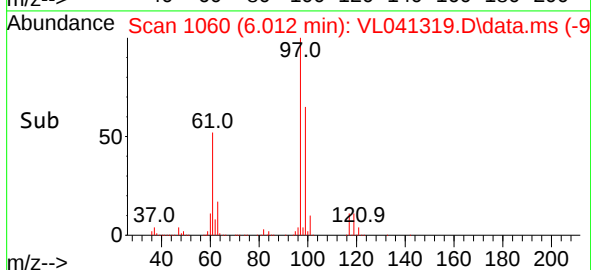
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

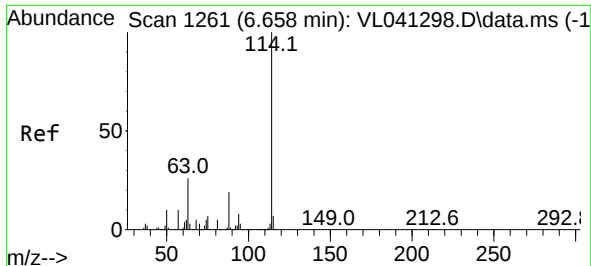


#32
 1,1,1-Trichloroethane
 Concen: 10.596 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. -0.000 min
 Lab File: VL041319.D
 Acq: 5 Jun 2024 7:51



Tgt Ion: 97 Resp: 1366022
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.9 77.9
 61 53.9 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 114

Delta R.T. 0.006 min

Lab File: VL041319.D

Acq: 5 Jun 2024 7:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 319196

Ion Ratio Lower Upper

114 100

63 26.3 20.6 30.8

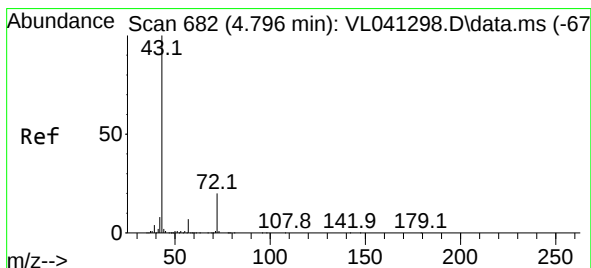
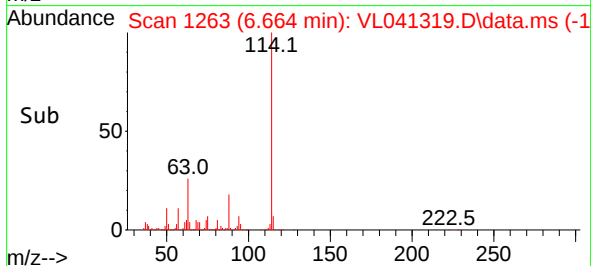
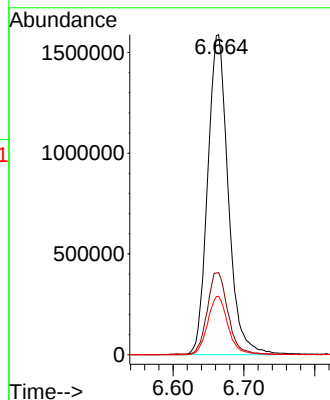
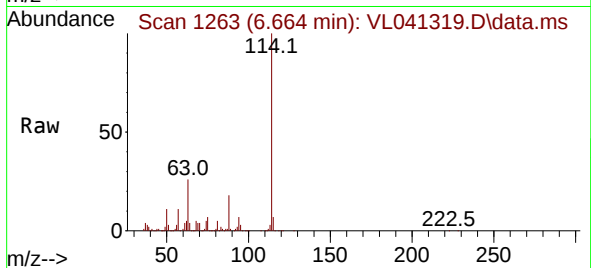
88 18.2 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#34

2-Butanone

Concen: 7.832 ppbv

RT: 4.799 min Scan# 683

Delta R.T. 0.003 min

Lab File: VL041319.D

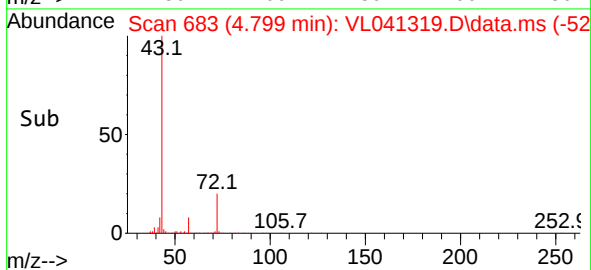
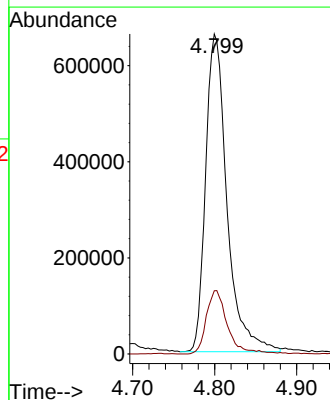
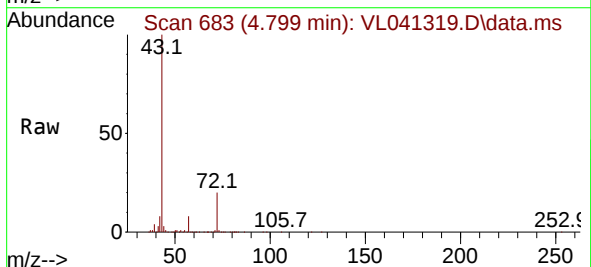
Acq: 5 Jun 2024 7:51

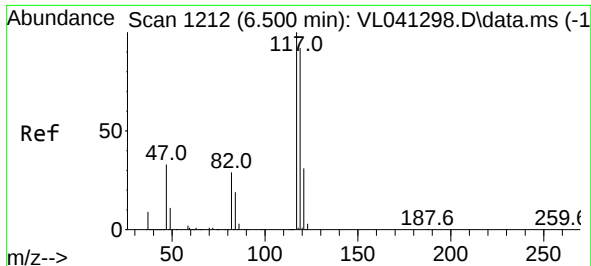
Tgt Ion: 43 Resp: 1197660

Ion Ratio Lower Upper

43 100

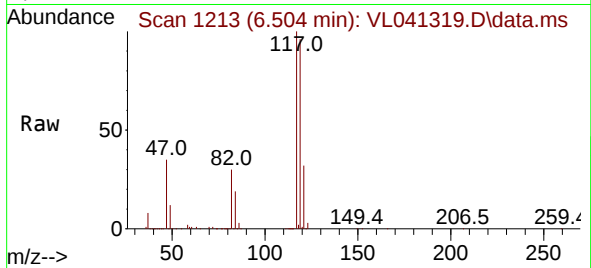
72 20.0 17.4 26.0





#35
Carbon Tetrachloride
Concen: 7.260 ppbv
RT: 6.504 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

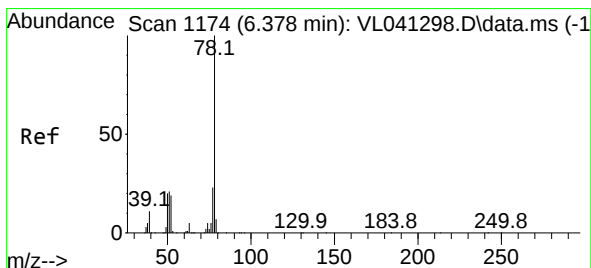
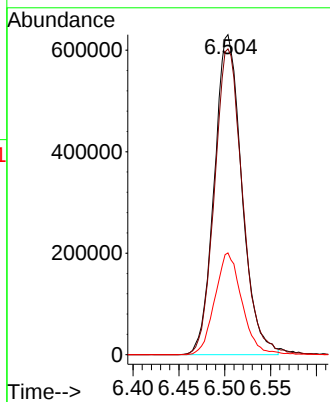
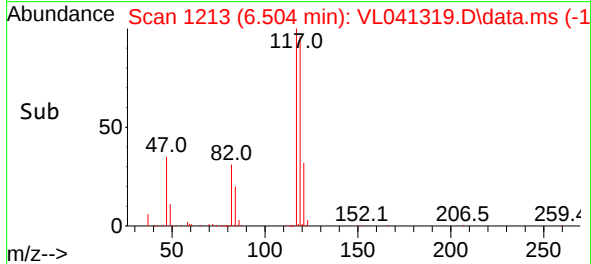
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 131709
Ion Ratio Lower Upper
117 100
119 95.6 74.0 111.0
121 31.8 24.8 37.2

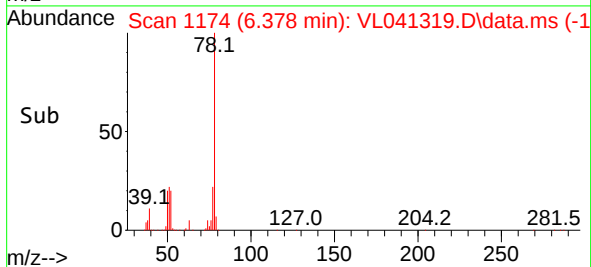
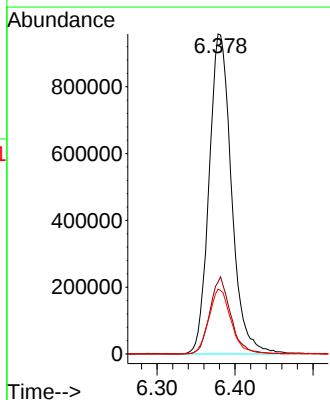
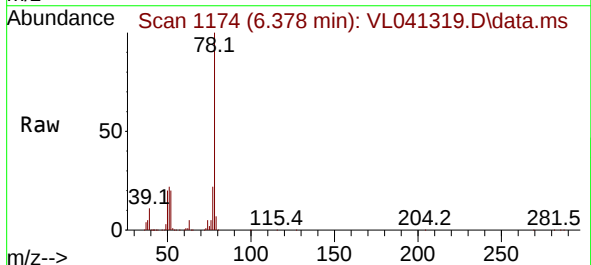
Manual Integrations
APPROVED

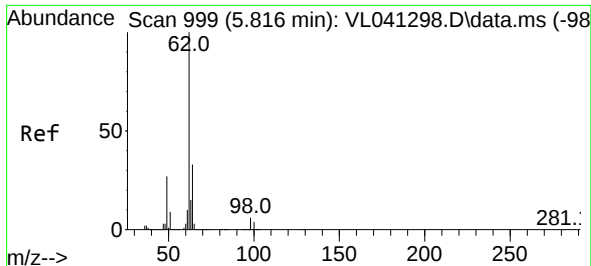
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#36
Benzene
Concen: 7.732 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

Tgt Ion: 78 Resp: 1913043
Ion Ratio Lower Upper
78 100
77 22.4 18.6 28.0
50 20.2 16.0 24.0





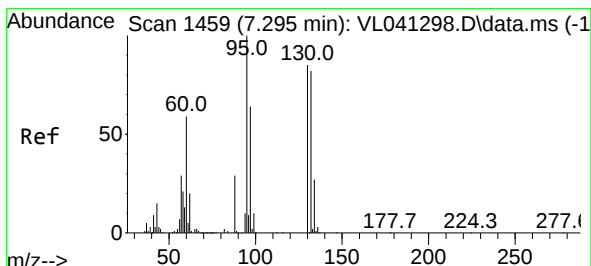
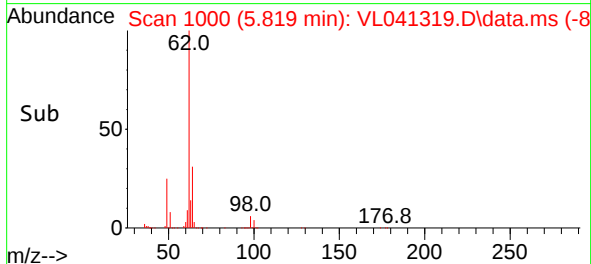
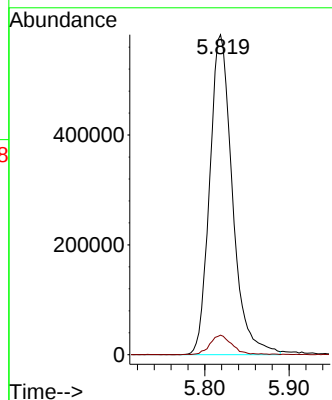
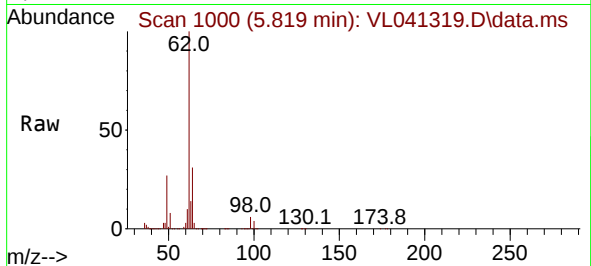
#37
1,2-Dichloroethane
Concen: 7.584 ppbv
RT: 5.819 min Scan# 1093
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1093919
Ion Ratio Lower Upper
62 100
98 6.0 4.8 7.2

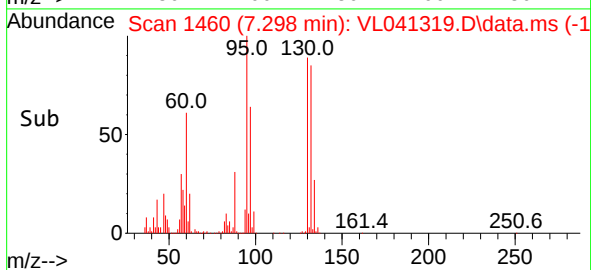
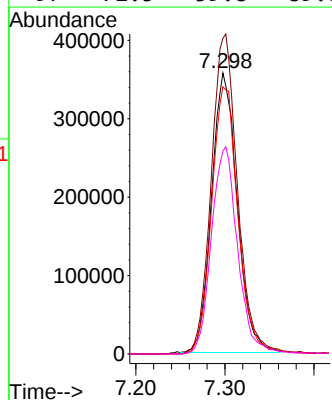
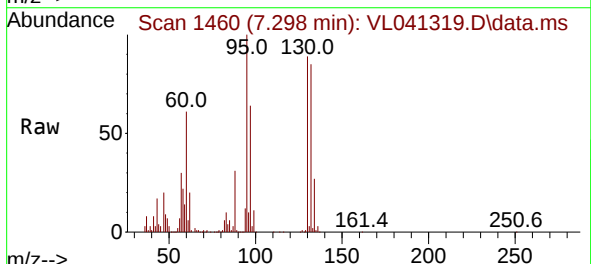
Manual Integrations
APPROVED

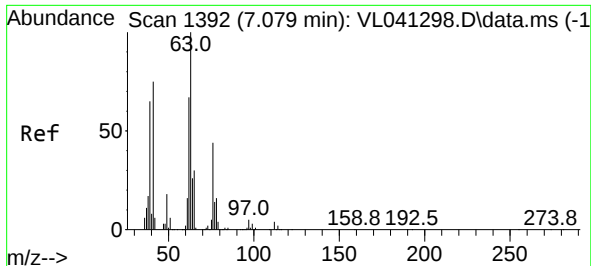
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#38
Trichloroethene
Concen: 7.124 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

Tgt Ion:130 Resp: 714323
Ion Ratio Lower Upper
130 100
95 112.9 94.0 141.0
132 95.6 76.7 115.1
97 72.5 59.8 89.8





#39

1,2-Dichloropropane

Concen: 7.490 ppbv

RT: 7.079 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VL041319.D

Acq: 5 Jun 2024 7:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 737880

Ion Ratio Lower Upper

63 100

41 75.9 59.9 89.9

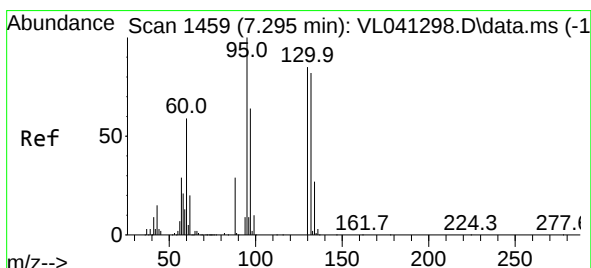
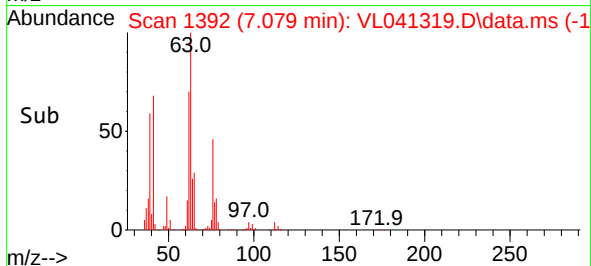
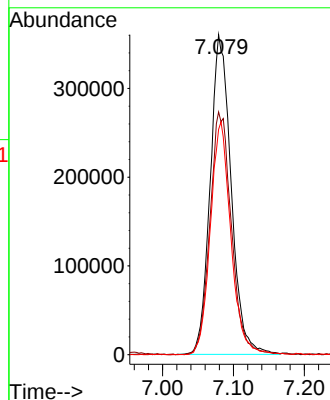
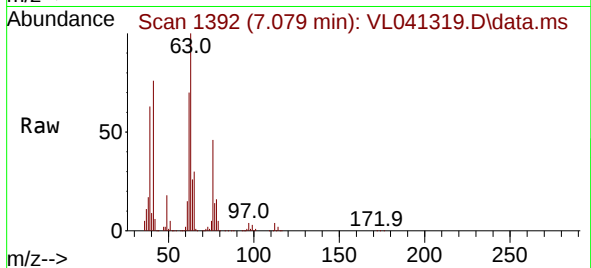
62 70.4 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#40

1,4-Dioxane

Concen: 7.990 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. -0.004 min

Lab File: VL041319.D

Acq: 5 Jun 2024 7:51

Tgt Ion: 88 Resp: 288278

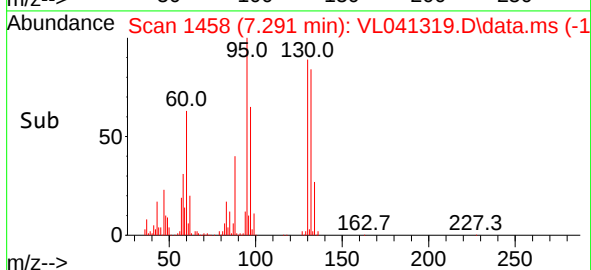
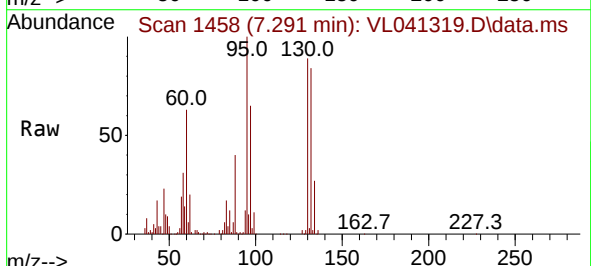
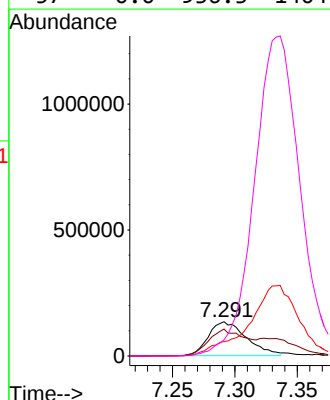
Ion Ratio Lower Upper

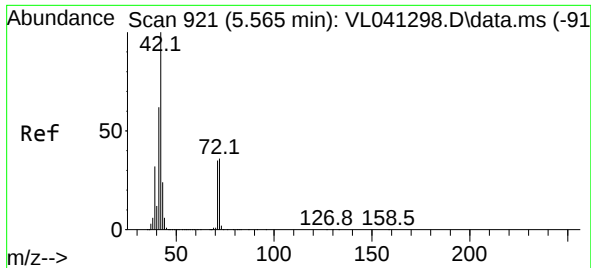
88 100

58 130.9 107.5 161.3

43 0.0 221.8 332.6#

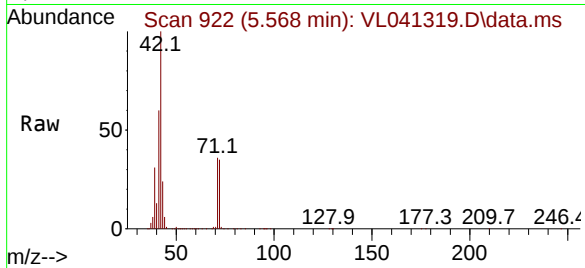
57 0.0 936.3 1404.5#





#41
Tetrahydrofuran
Concen: 8.322 ppbv
RT: 5.568 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

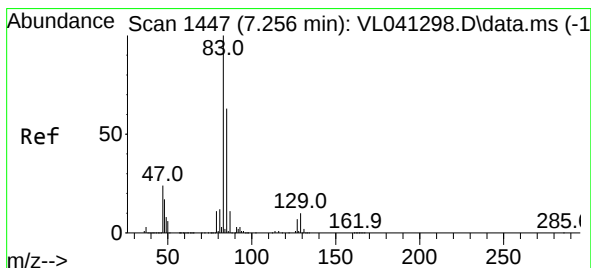
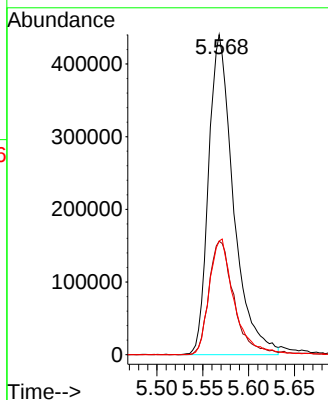
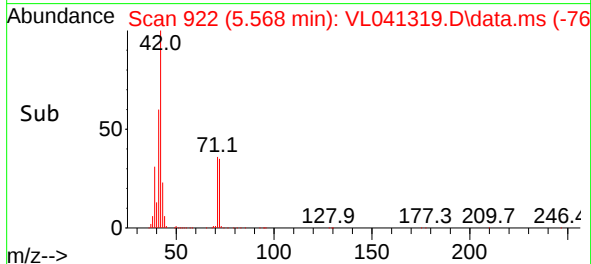
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



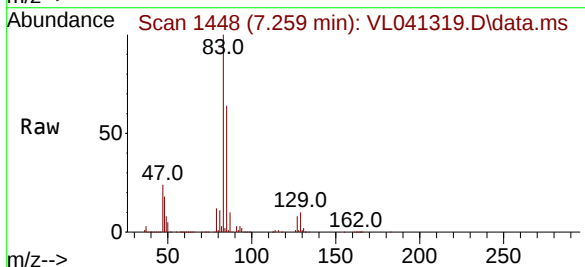
Tgt Ion: 42 Resp: 828020
Ion Ratio Lower Upper
42 100
72 36.7 30.2 45.4
71 36.7 30.3 45.5

Manual Integrations
APPROVED

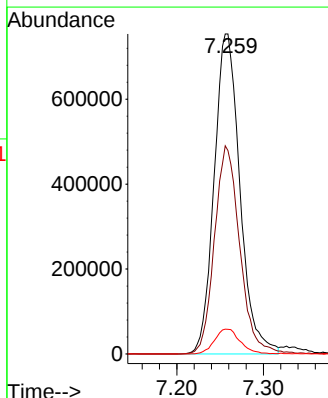
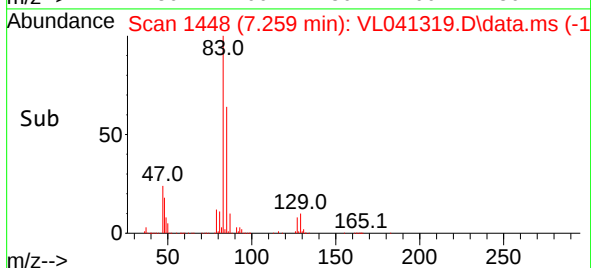
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

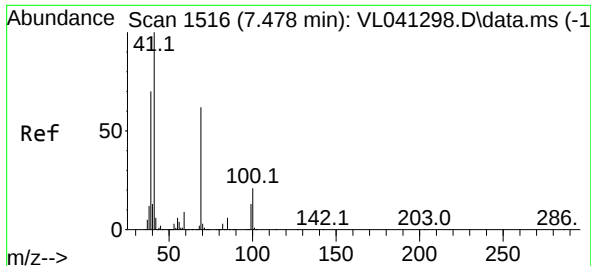


#42
Bromodichloromethane
Concen: 7.522 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51



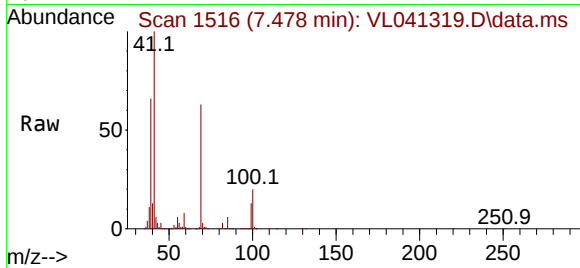
Tgt Ion: 83 Resp: 1558229
Ion Ratio Lower Upper
83 100
85 63.6 50.6 75.8
127 7.7 5.6 8.4





#43
Methyl Methacrylate
Concen: 8.330 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

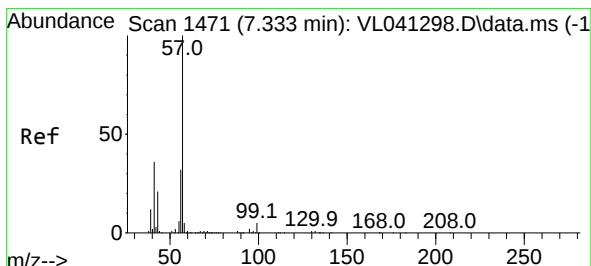
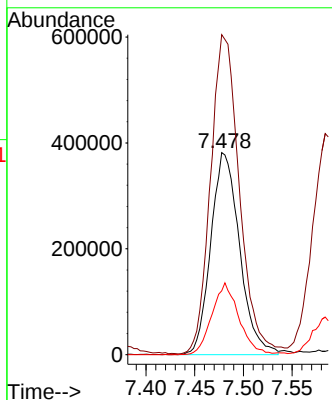
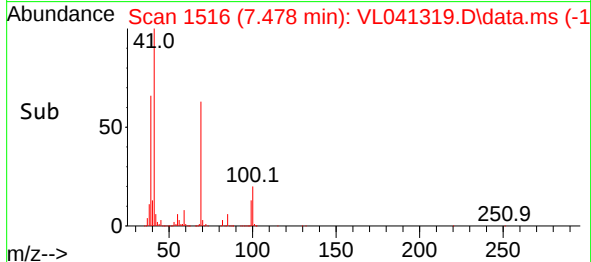
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 785223
Ion Ratio Lower Upper
69 100
41 159.4 125.8 188.6
100 33.6 27.0 40.6

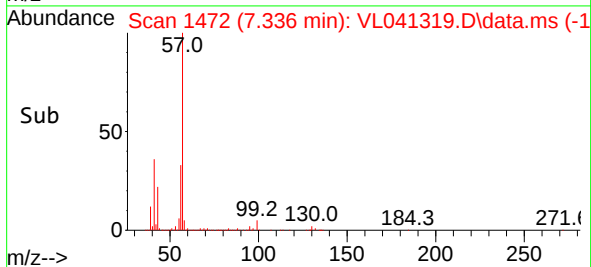
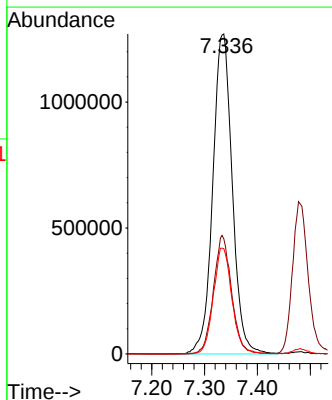
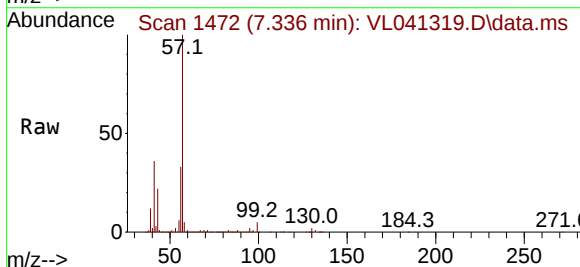
Manual Integrations
APPROVED

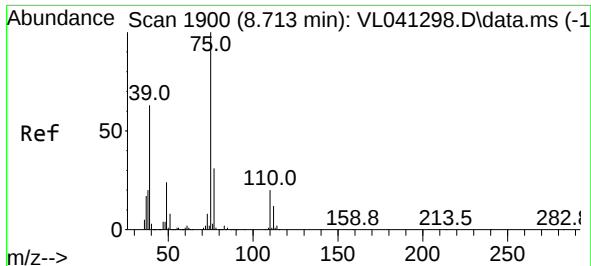
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#44
2,2,4-Trimethylpentane
Concen: 7.644 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

Tgt Ion: 57 Resp: 3252343
Ion Ratio Lower Upper
57 100
41 34.6 29.4 44.2
56 31.6 25.0 37.4





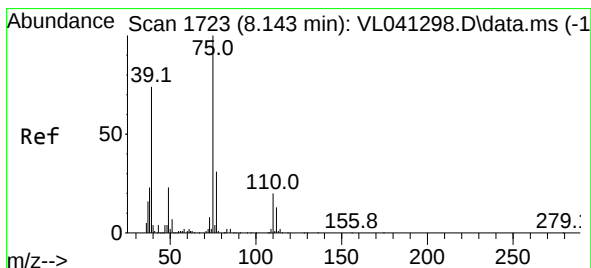
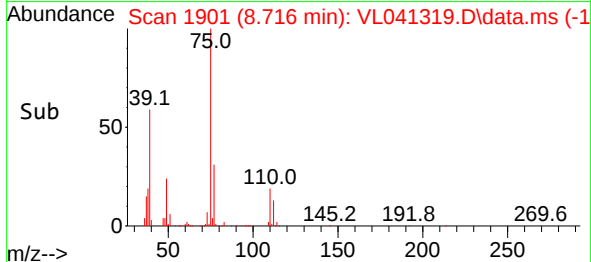
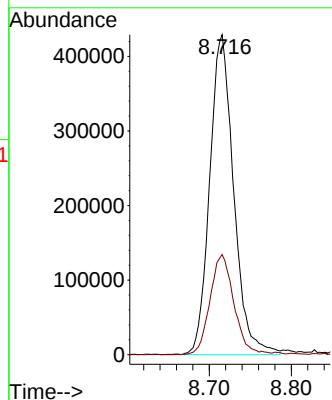
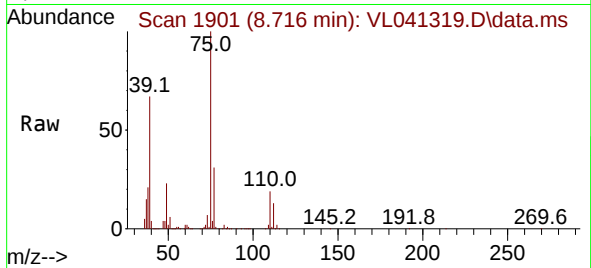
#45
t-1,3-Dichloropropene
Concen: 13.690 ppbv
RT: 8.716 min Scan# 1900
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 87079
Ion Ratio Lower Upper
75 100
77 31.3 24.7 37.1

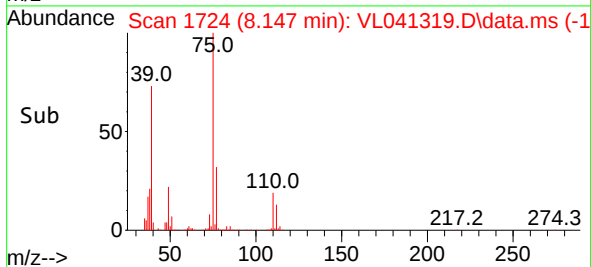
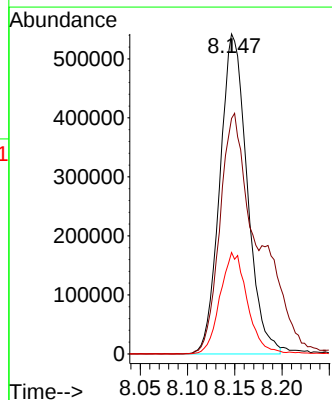
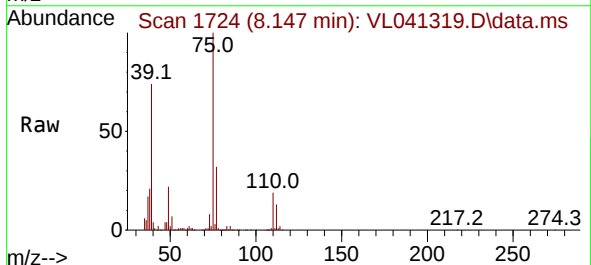
Manual Integrations
APPROVED

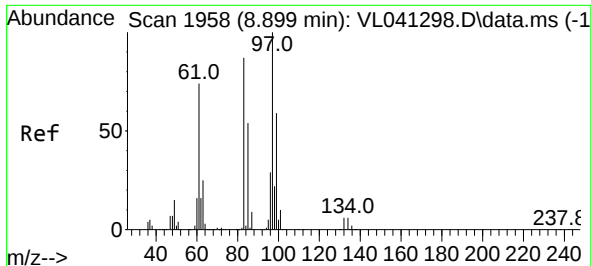
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#46
cis-1,3-Dichloropropene
Concen: 13.299 ppbv
RT: 8.147 min Scan# 1724
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

Tgt Ion: 75 Resp: 1088948
Ion Ratio Lower Upper
75 100
39 73.5 59.2 88.8
77 31.7 25.0 37.6





#47

1,1,2-Trichloroethane

Concen: 7.641 ppbv

RT: 8.902 min Scan# 1959

Delta R.T. 0.003 min

Lab File: VL041319.D

Acq: 5 Jun 2024 7:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 78661

Ion Ratio Lower Upper

97 100

83 87.1 69.7 104.5

85 55.2 43.1 64.7

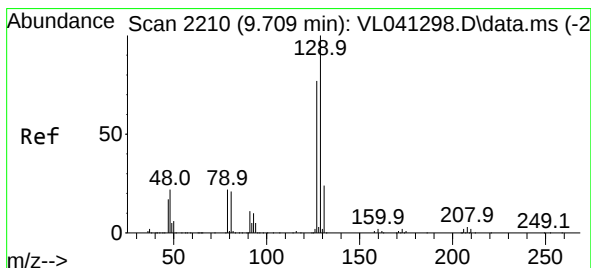
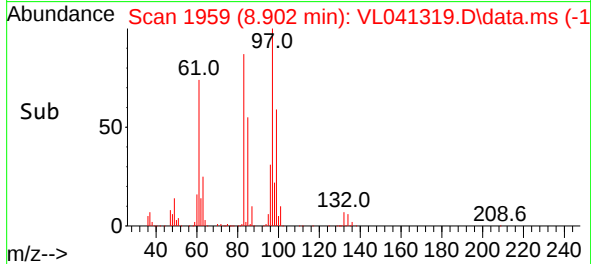
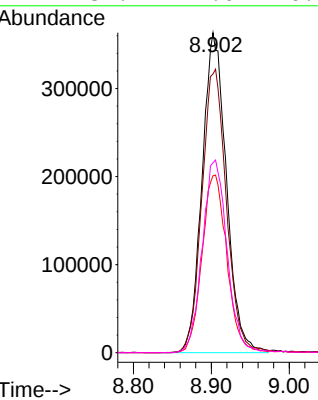
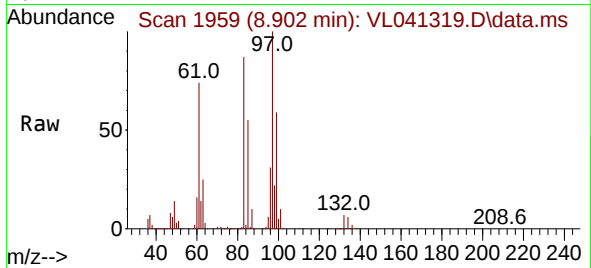
99 59.4 47.0 70.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#48

Dibromochloromethane

Concen: 7.715 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. 0.006 min

Lab File: VL041319.D

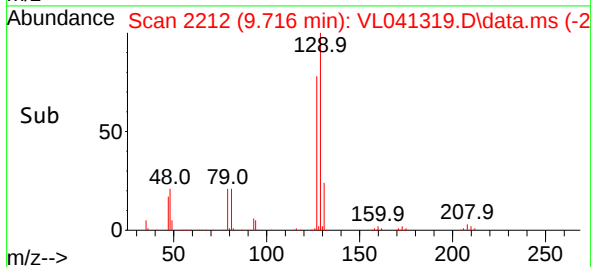
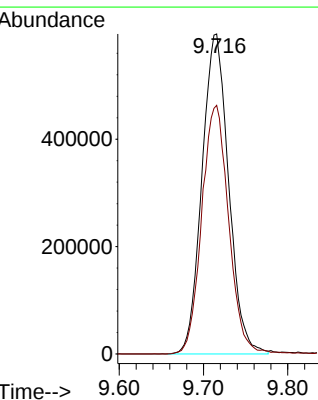
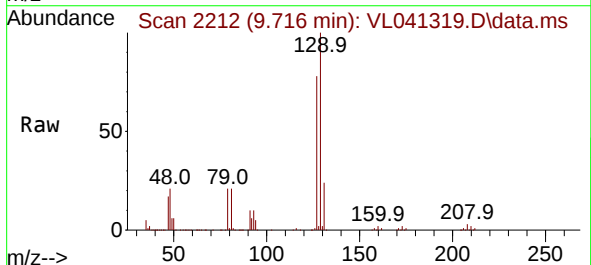
Acq: 5 Jun 2024 7:51

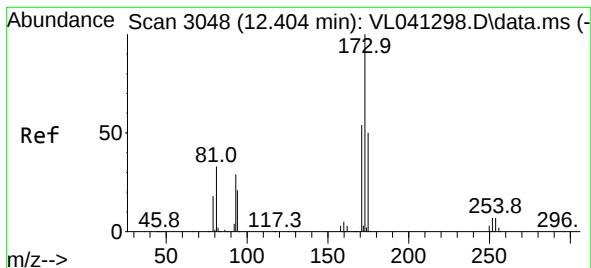
Tgt Ion:129 Resp: 1308870

Ion Ratio Lower Upper

129 100

127 78.7 39.1 117.5





#49

Bromoform

Concen: 7.953 ppbv

RT: 12.407 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VL041319.D

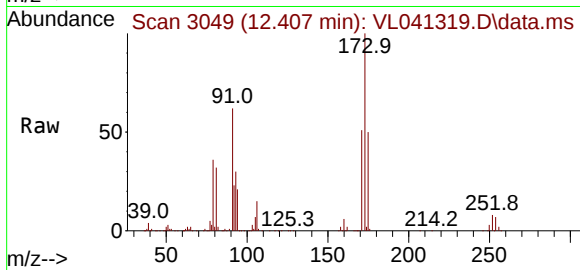
Acq: 5 Jun 2024 7:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 173 Resp: 108731

Ion Ratio Lower Upper

173 100

175 50.3 39.9 59.9

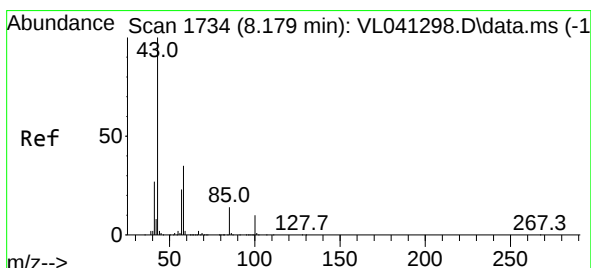
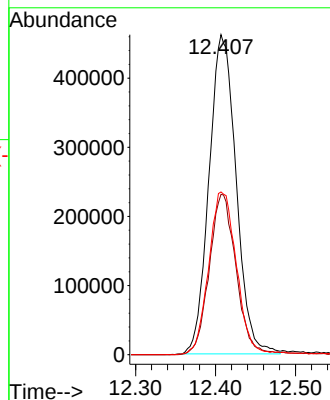
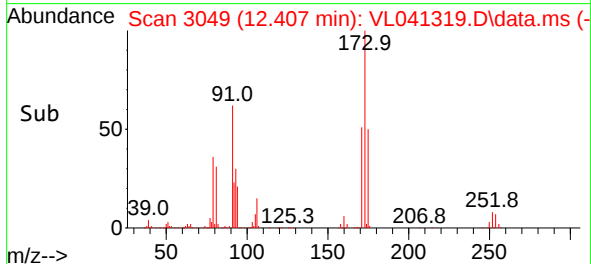
171 53.2 42.6 63.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#50

4-Methyl-2-Pentanone

Concen: 8.481 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. 0.006 min

Lab File: VL041319.D

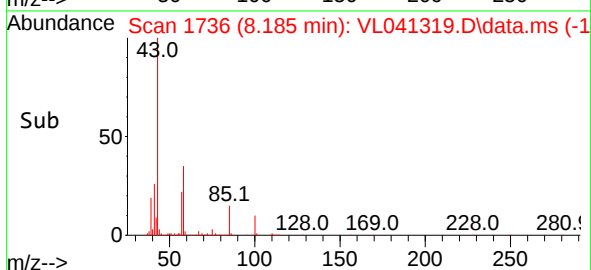
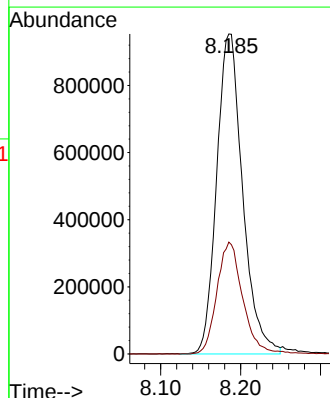
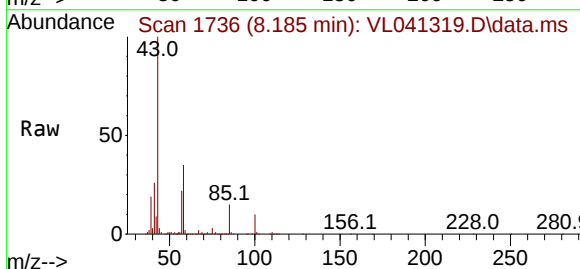
Acq: 5 Jun 2024 7:51

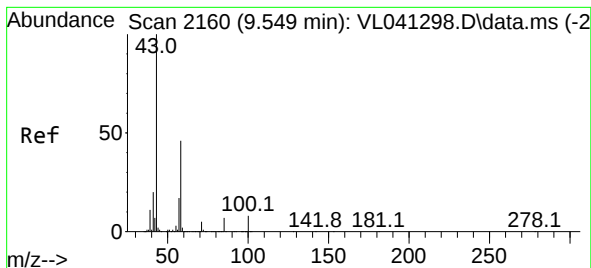
Tgt Ion: 43 Resp: 2146774

Ion Ratio Lower Upper

43 100

58 35.0 27.7 41.5





#51

2-Hexanone

Concen: 9.682 ppbv

RT: 9.552 min Scan# 2161

Delta R.T. 0.003 min

Lab File: VL041319.D

Acq: 5 Jun 2024 7:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 174197

Ion Ratio Lower Upper

43 100

58 47.9 37.4 56.0

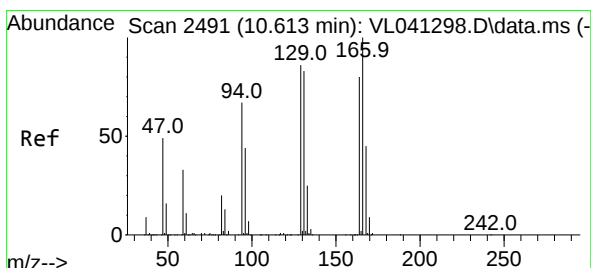
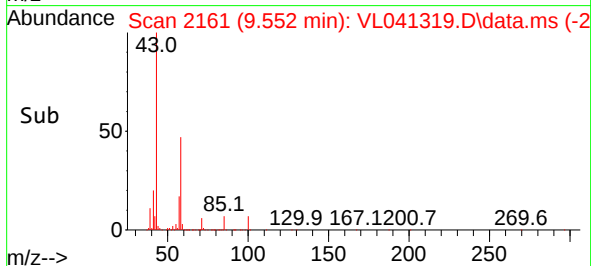
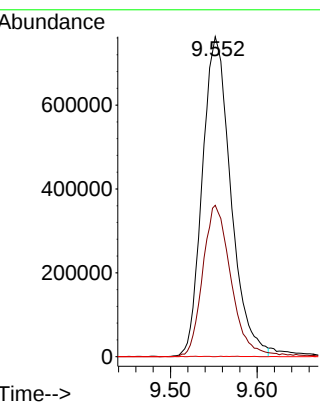
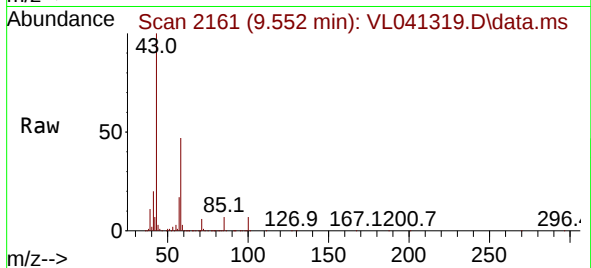
98 0.0 0.2 0.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#52

Tetrachloroethene

Concen: 7.492 ppbv

RT: 10.619 min Scan# 2493

Delta R.T. 0.006 min

Lab File: VL041319.D

Acq: 5 Jun 2024 7:51

Tgt Ion:164 Resp: 675997

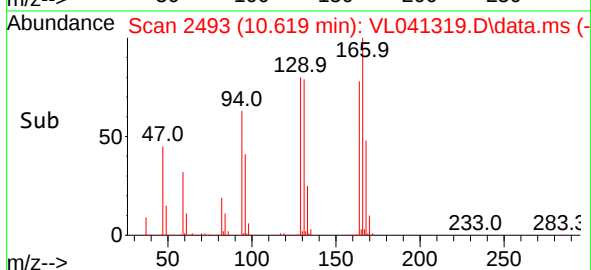
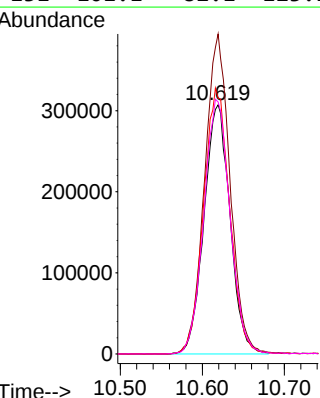
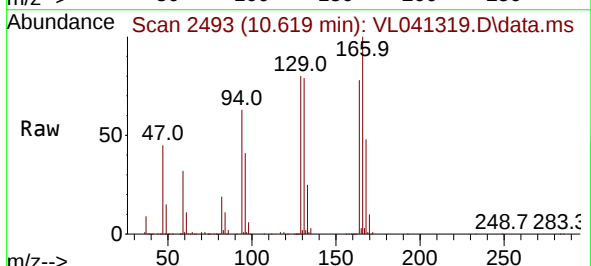
Ion Ratio Lower Upper

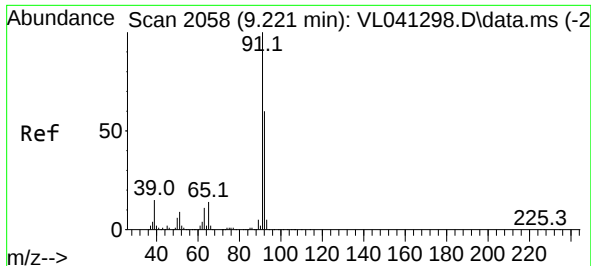
164 100

166 128.5 99.4 149.0

129 102.6 85.4 128.2

131 101.1 82.1 123.1





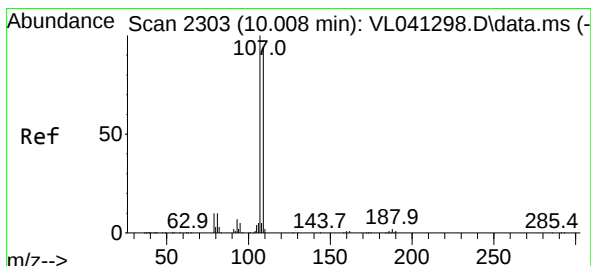
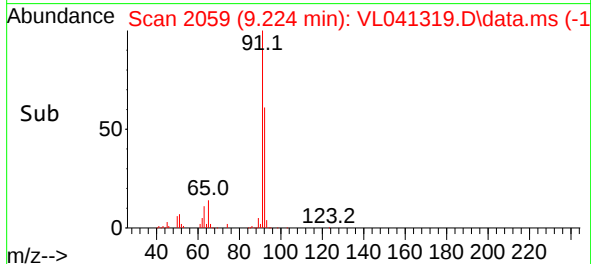
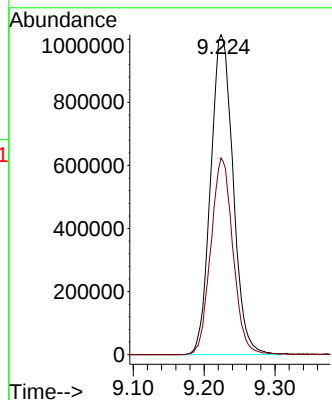
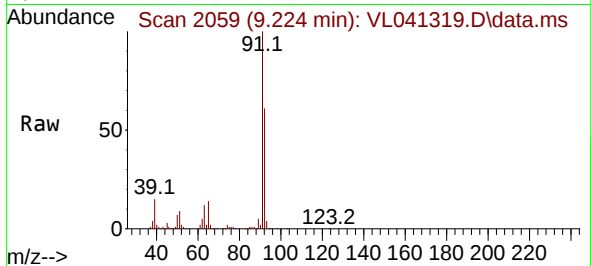
#53
Toluene
Concen: 7.842 ppbv
RT: 9.224 min Scan# 2058
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2231828
Ion Ratio Lower Upper
91 100
92 60.8 49.2 73.8

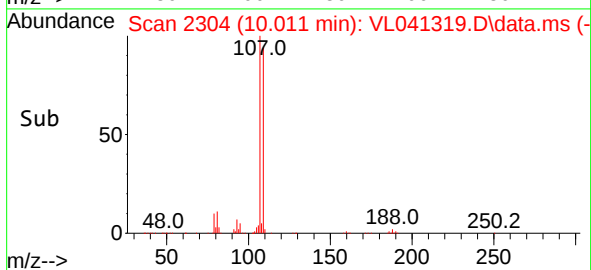
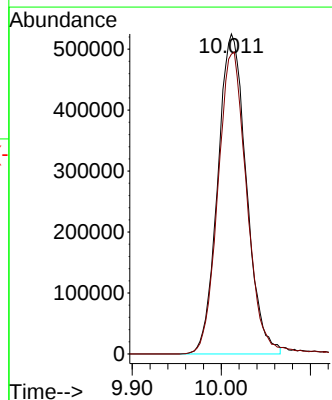
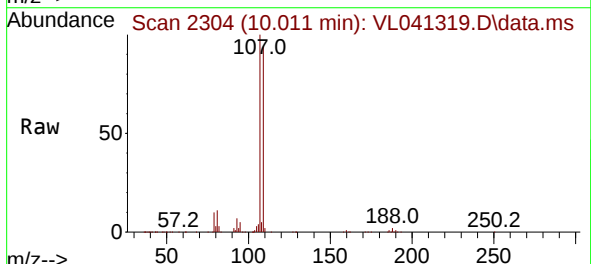
Manual Integrations
APPROVED

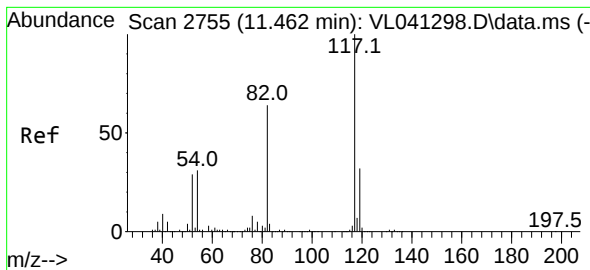
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#54
1,2-Dibromoethane
Concen: 8.729 ppbv
RT: 10.011 min Scan# 2304
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

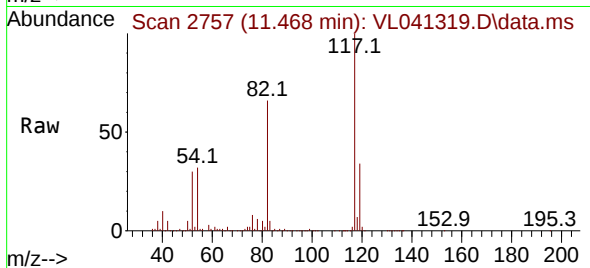
Tgt Ion:107 Resp: 1171498
Ion Ratio Lower Upper
107 100
109 93.7 75.0 112.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.468 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

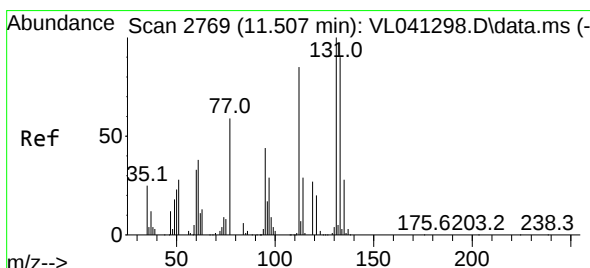
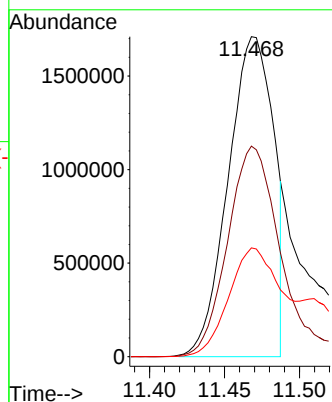
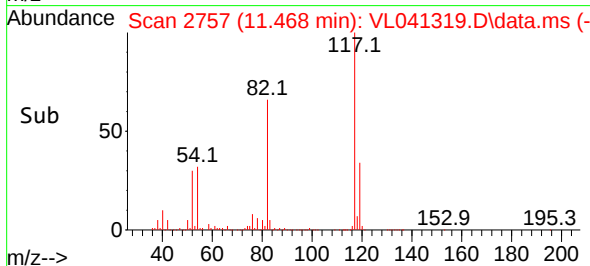
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



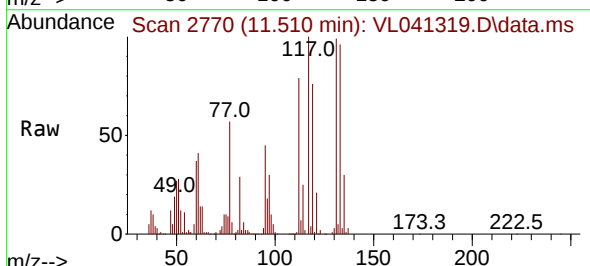
Tgt Ion:117 Resp: 360896
Ion Ratio Lower Upper
117 100
82 82.3 52.3 78.5
119 56.9 26.2 39.2

Manual Integrations
APPROVED

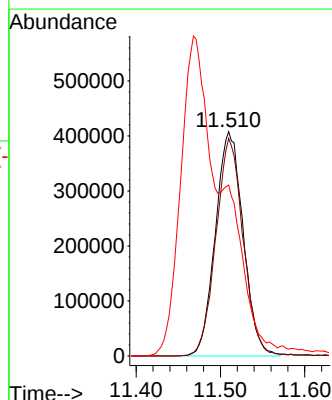
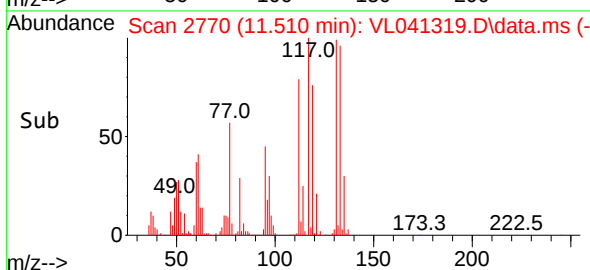
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

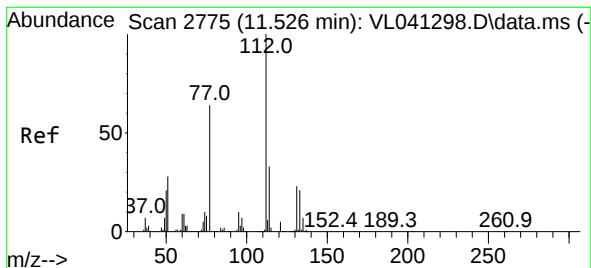


#56
1,1,1,2-Tetrachloroethane
Concen: 6.126 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51



Tgt Ion:131 Resp: 935035
Ion Ratio Lower Upper
131 100
133 95.6 75.8 113.6
119 219.7 48.3 72.5





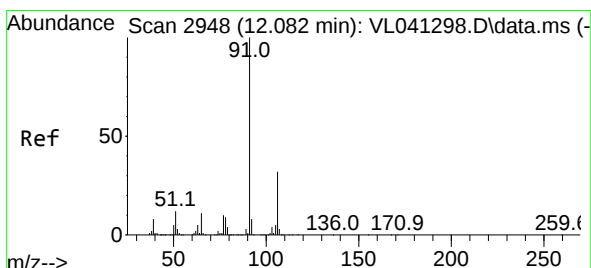
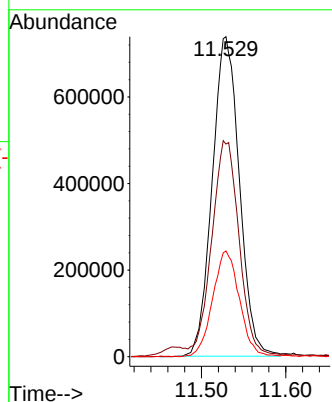
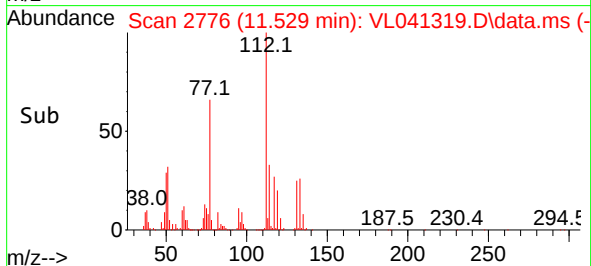
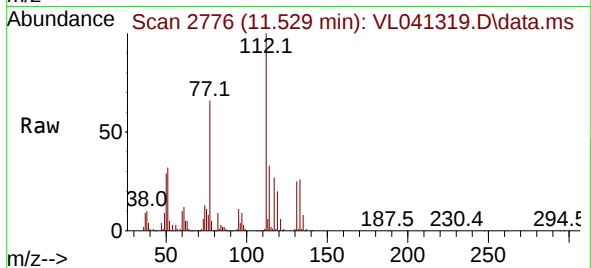
#57
Chlorobenzene
Concen: 6.168 ppbv
RT: 11.529 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 112 Resp: 165363
Ion Ratio Lower Upper
112 100
77 65.9 52.0 78.0
114 33.1 29.8 36.4

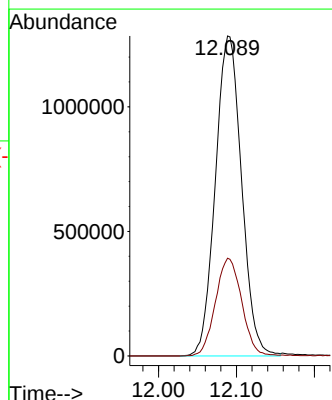
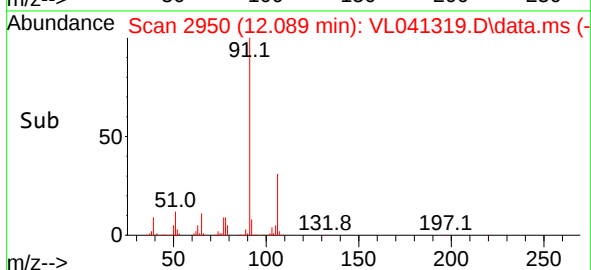
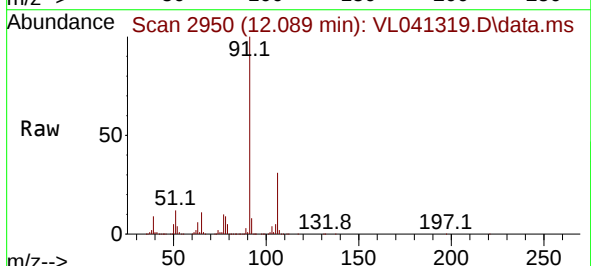
Manual Integrations
APPROVED

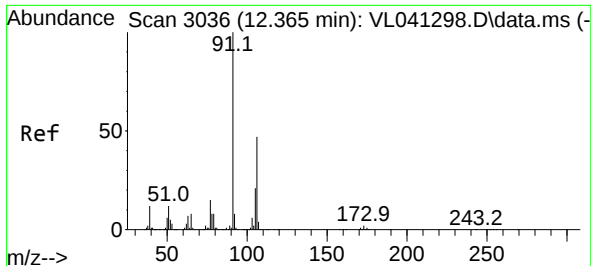
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#58
Ethyl Benzene
Concen: 6.485 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. 0.006 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

Tgt Ion: 91 Resp: 3000202
Ion Ratio Lower Upper
91 100
106 30.5 25.5 38.3





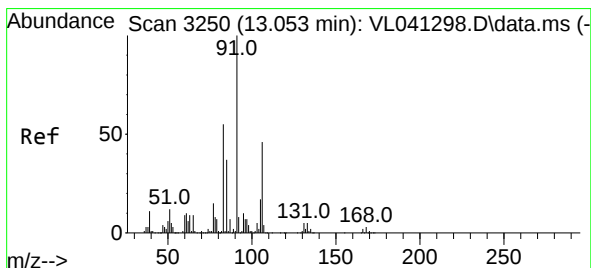
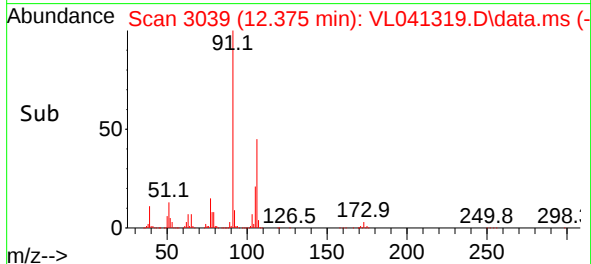
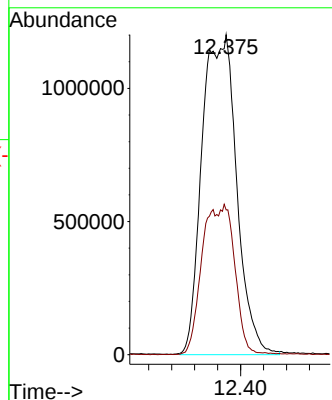
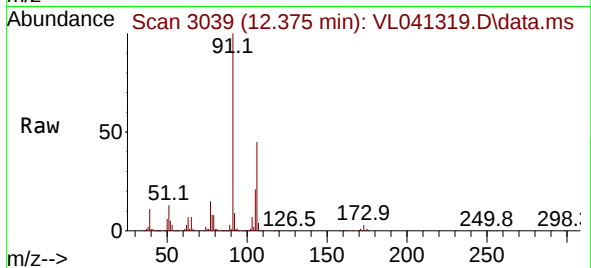
#59
m/p-Xylene
Concen: 12.654 ppbv m
RT: 12.375 min Scan# 3036
Delta R.T. 0.010 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 501529
Ion Ratio Lower Upper
91 100
106 44.5 35.7 53.5

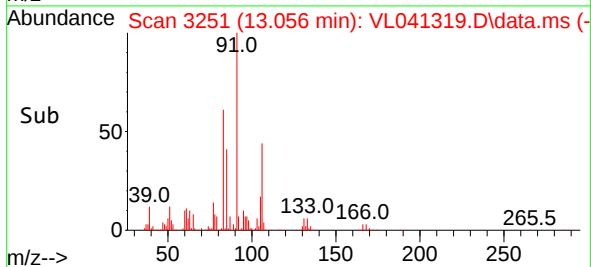
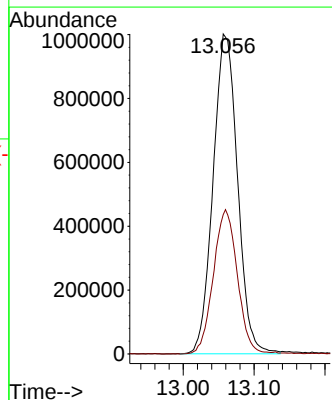
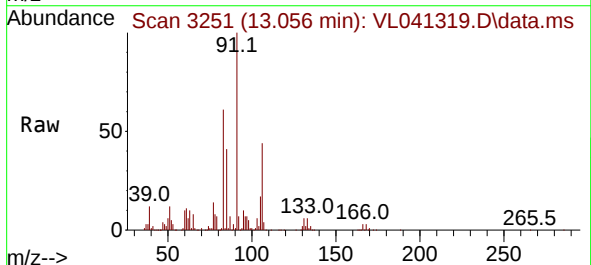
Manual Integrations
APPROVED

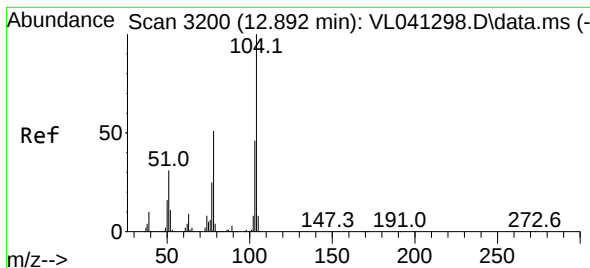
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#60
o-Xylene
Concen: 6.350 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

Tgt Ion: 91 Resp: 2399559
Ion Ratio Lower Upper
91 100
106 44.6 22.8 68.4





#61

Styrene

Concen: 6.985 ppbv

RT: 12.896 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041319.D

Acq: 5 Jun 2024 7:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 1293999

Ion Ratio Lower Upper

104 100

78 52.0 42.2 63.4

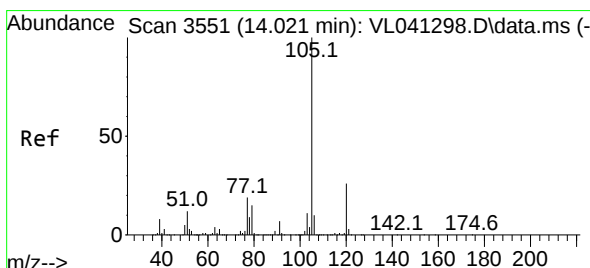
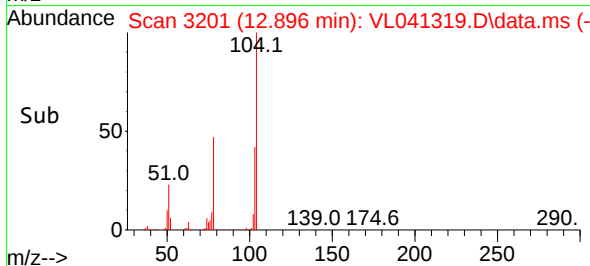
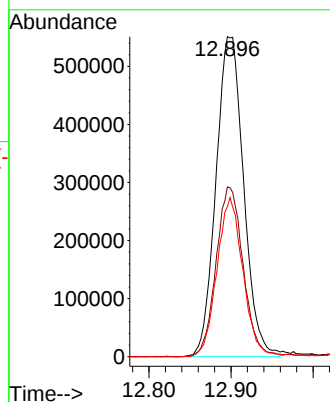
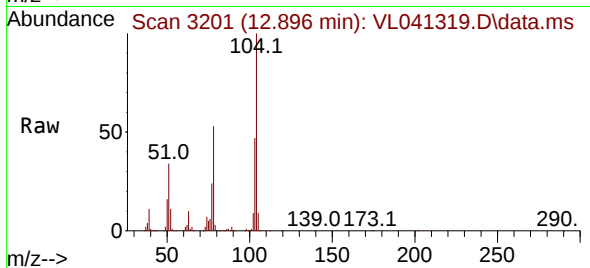
103 46.9 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#62

Isopropylbenzene

Concen: 6.177 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. 0.010 min

Lab File: VL041319.D

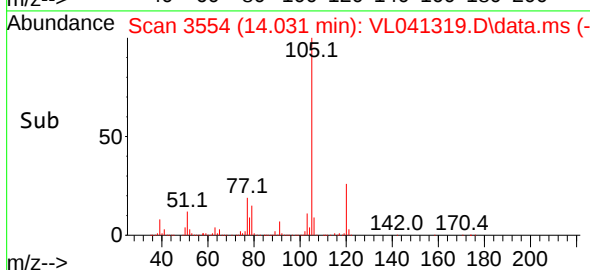
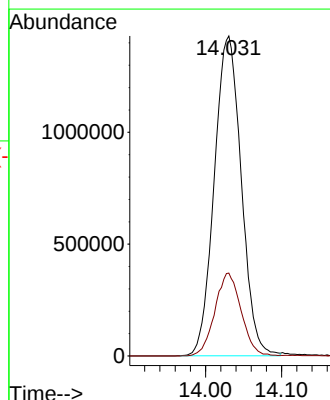
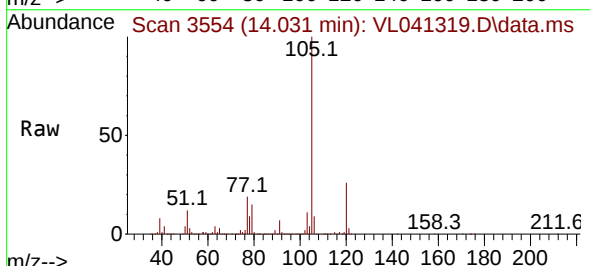
Acq: 5 Jun 2024 7:51

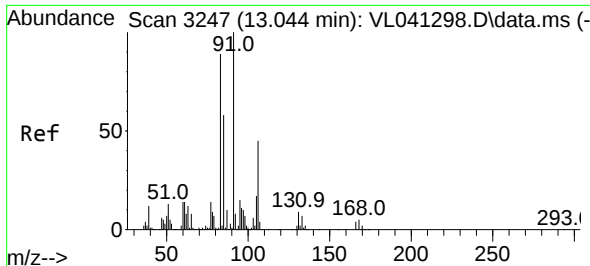
Tgt Ion:105 Resp: 3529923

Ion Ratio Lower Upper

105 100

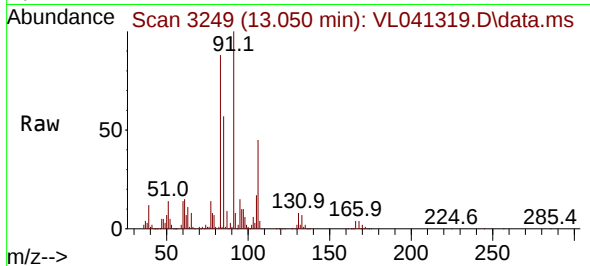
120 25.4 20.4 30.6





#63
1,1,2,2-Tetrachloroethane
Concen: 6.329 ppbv
RT: 13.050 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

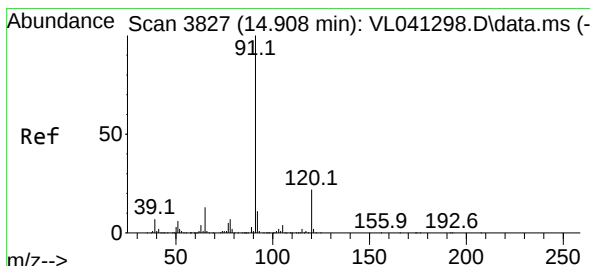
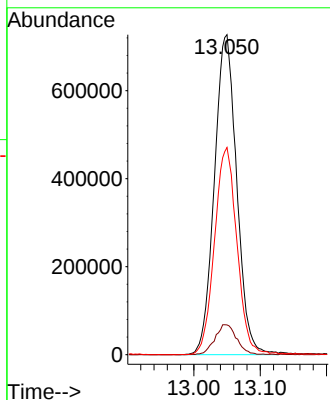
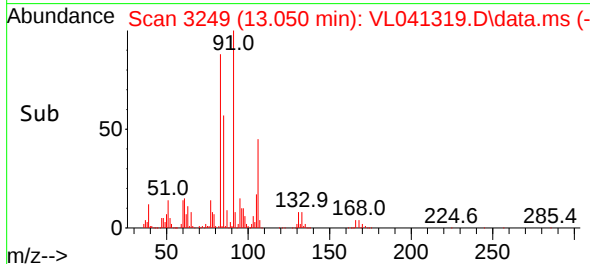
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



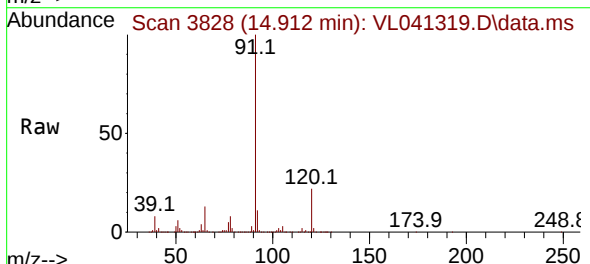
Tgt Ion: 83 Resp: 1701338
Ion Ratio Lower Upper
83 100
131 9.2 4.7 14.1
85 65.1 32.6 97.7

Manual Integrations
APPROVED

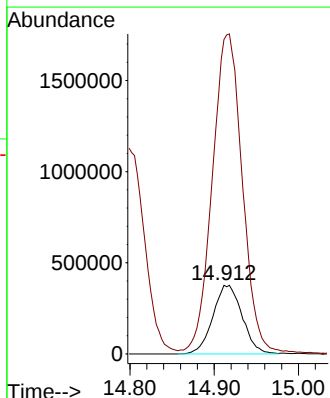
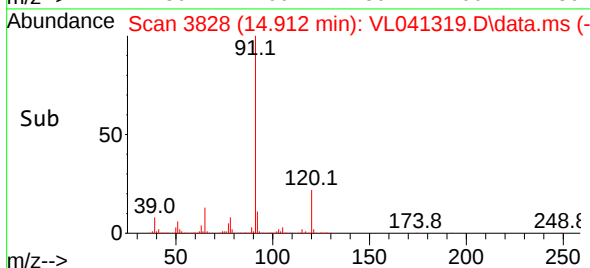
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

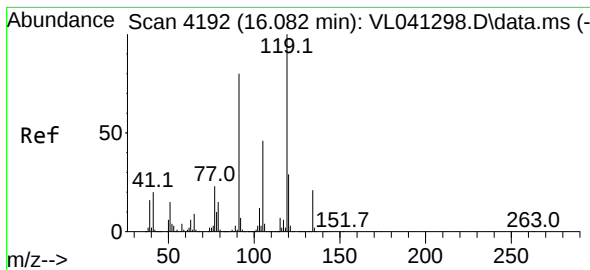


#64
n-propylbenzene
Concen: 6.178 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.004 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51



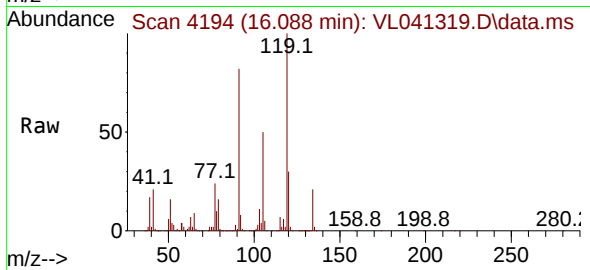
Tgt Ion:120 Resp: 909872
Ion Ratio Lower Upper
120 100
91 479.5 374.2 561.2





#65
tert-Butylbenzene
Concen: 6.135 ppbv
RT: 16.088 min Scan# 4192
Delta R.T. 0.006 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

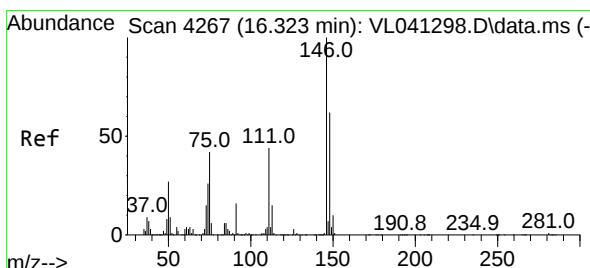
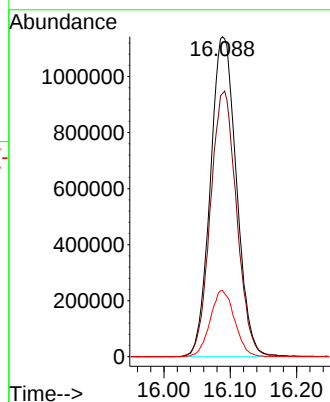
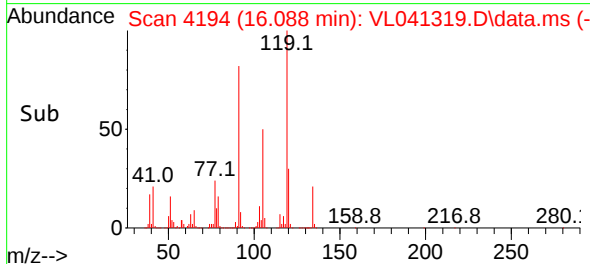
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



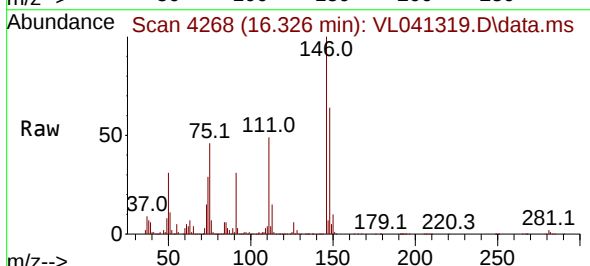
Tgt Ion: 119 Resp: 3116918
Ion Ratio Lower Upper
119 100
91 83.7 66.5 99.7
134 19.5 15.7 23.5

Manual Integrations
APPROVED

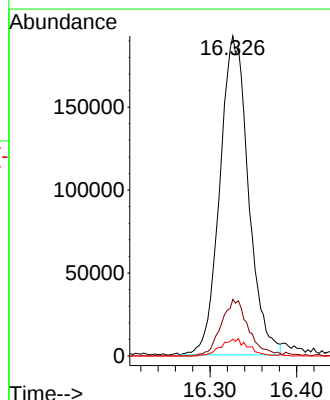
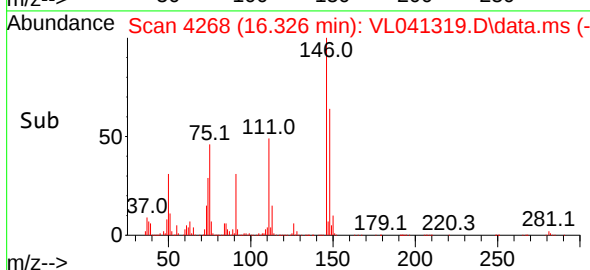
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

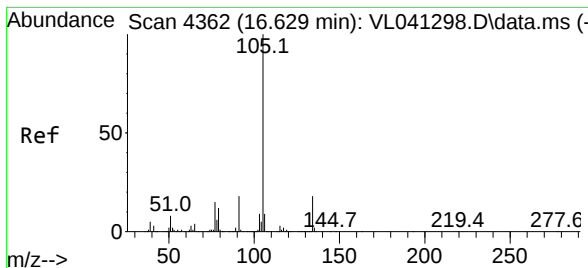


#66
Benzyl Chloride
Concen: 13.177 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51



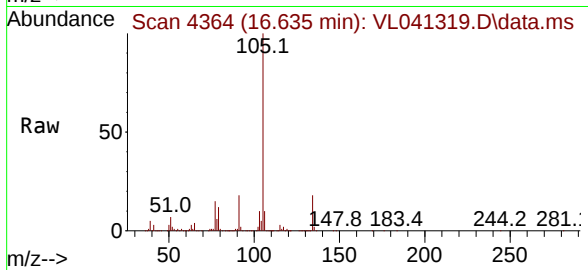
Tgt Ion: 91 Resp: 440441
Ion Ratio Lower Upper
91 100
126 17.6 13.4 20.2
128 5.2 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 6.185 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL041319.D
 Acq: 5 Jun 2024 7:51

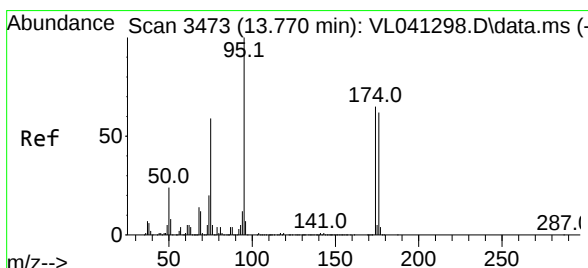
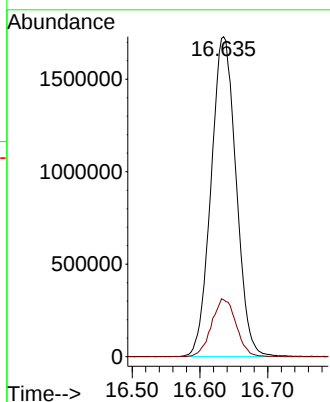
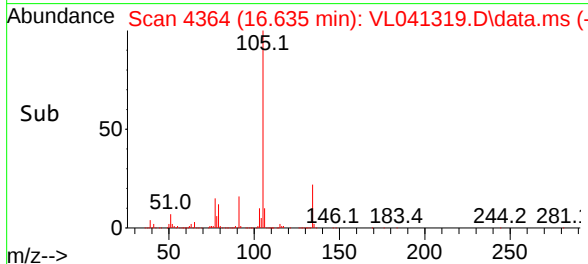
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 443911
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.3 21.5

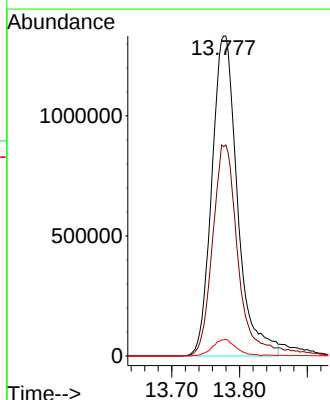
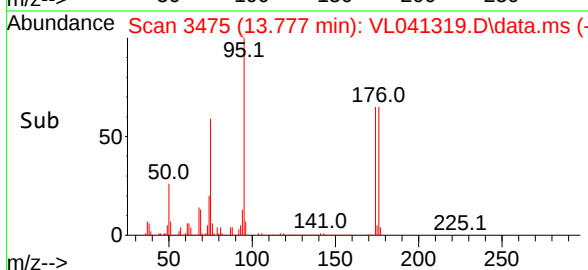
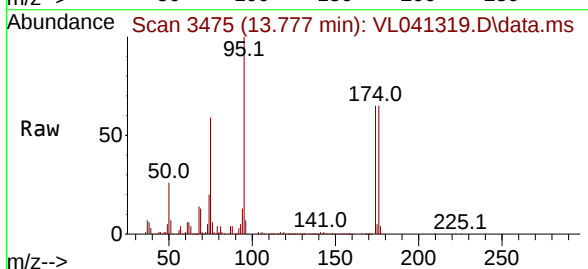
Manual Integrations
 APPROVED

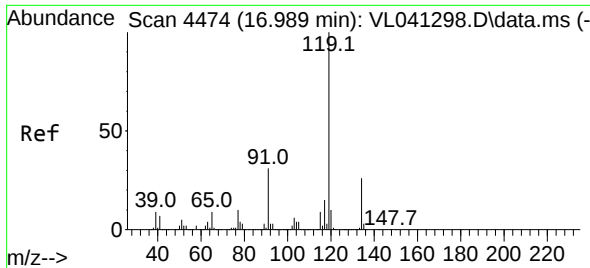
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 12.592 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. 0.006 min
 Lab File: VL041319.D
 Acq: 5 Jun 2024 7:51

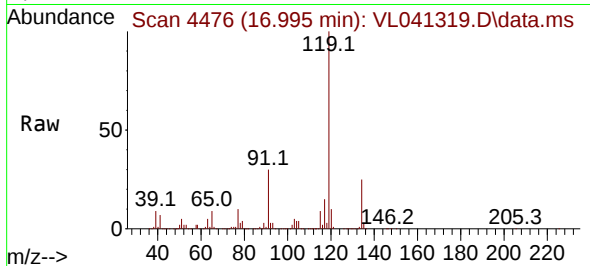
Tgt Ion: 95 Resp: 3508591
 Ion Ratio Lower Upper
 95 100
 174 66.7 52.2 78.2
 175 5.1 4.1 6.1





#69
p-Isopropyltoluene
Concen: 6.264 ppbv
RT: 16.995 min Scan# 4474
Delta R.T. 0.006 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

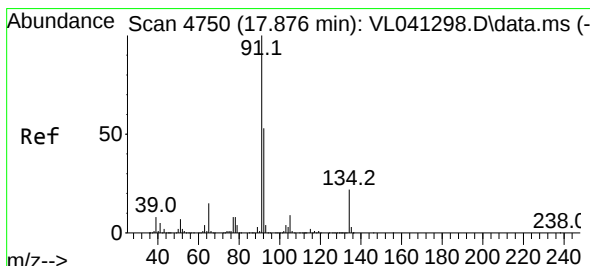
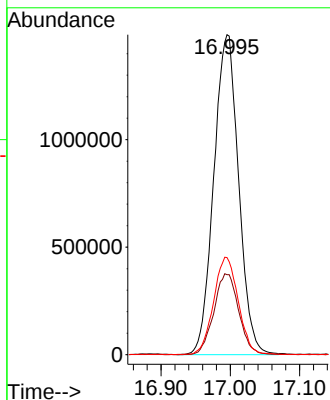
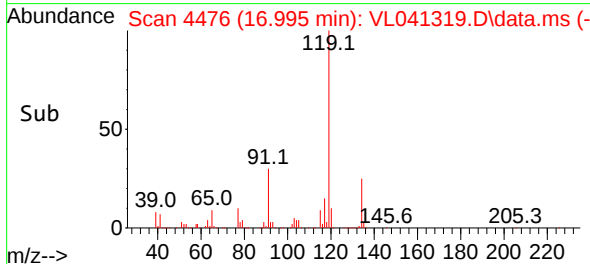
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



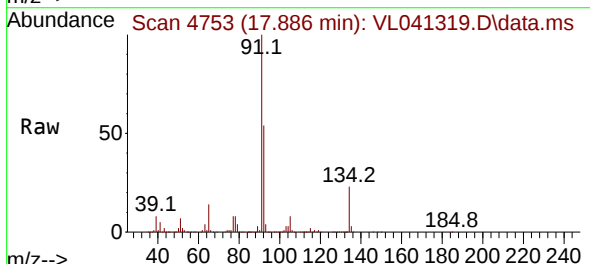
Tgt Ion:119 Resp: 3704702
Ion Ratio Lower Upper
119 100
134 25.4 20.1 30.1
91 30.2 24.1 36.1

Manual Integrations
APPROVED

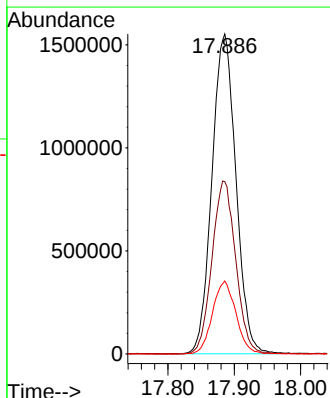
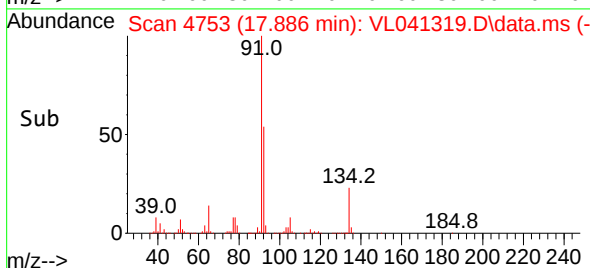
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

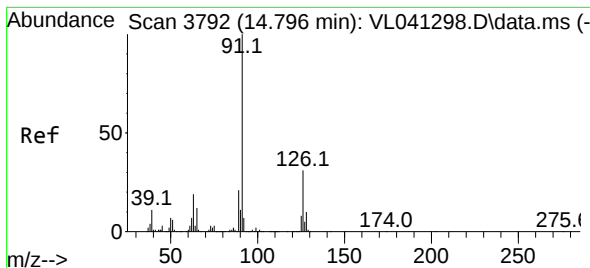


#70
n-Butylbenzene
Concen: 6.359 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. 0.010 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51



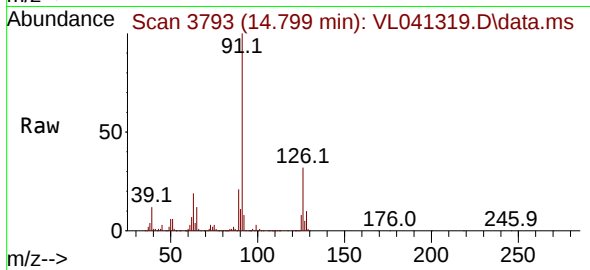
Tgt Ion: 91 Resp: 3902209
Ion Ratio Lower Upper
91 100
92 53.6 42.9 64.3
134 22.3 17.9 26.9





#71
2-Chlorotoluene
Concen: 6.150 ppbv
RT: 14.799 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

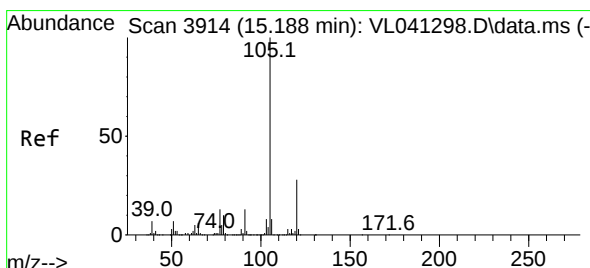
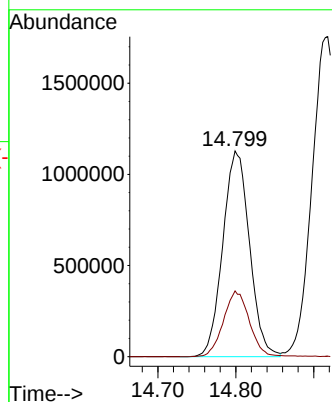
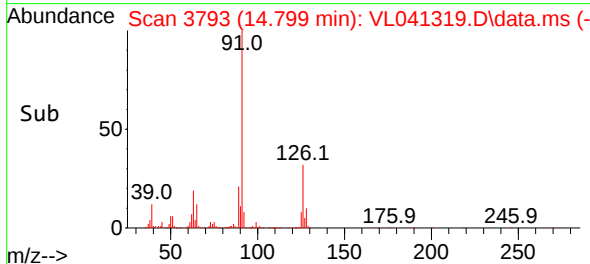
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



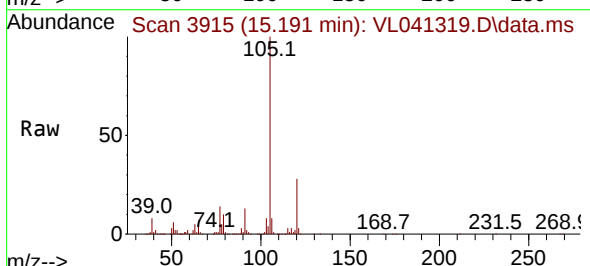
Tgt Ion: 91 Resp: 268974
Ion Ratio Lower Upper
91 100
126 31.4 12.4 49.8

Manual Integrations
APPROVED

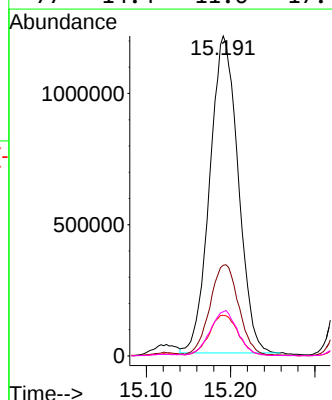
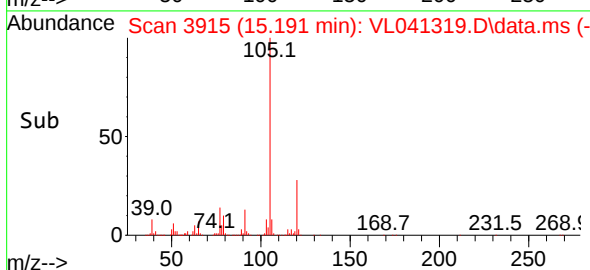
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

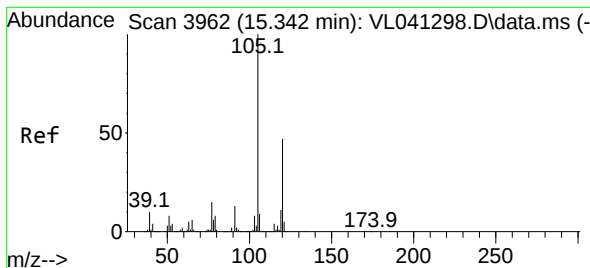


#72
4-Ethyltoluene
Concen: 6.416 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51



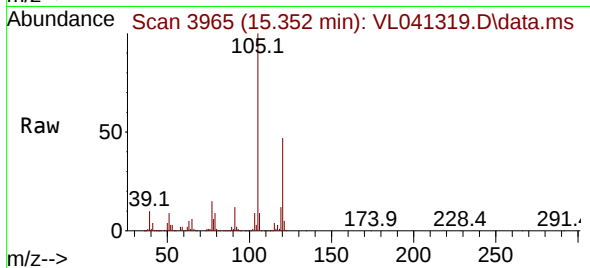
Tgt Ion:105 Resp: 2824197
Ion Ratio Lower Upper
105 100
120 29.7 23.7 35.5
91 13.2 10.6 16.0
77 14.4 11.6 17.4





#73
1,3,5-Trimethylbenzene
Concen: 6.523 ppbv
RT: 15.352 min Scan# 3965
Delta R.T. 0.010 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

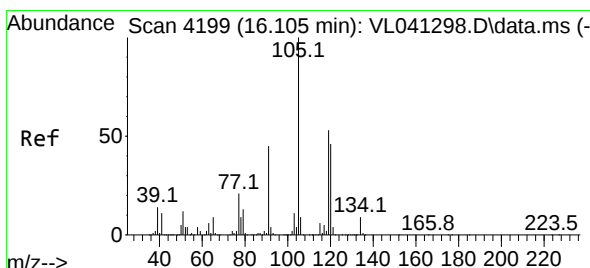
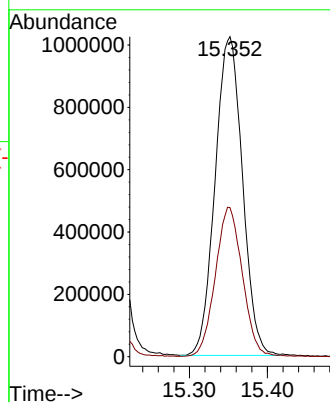
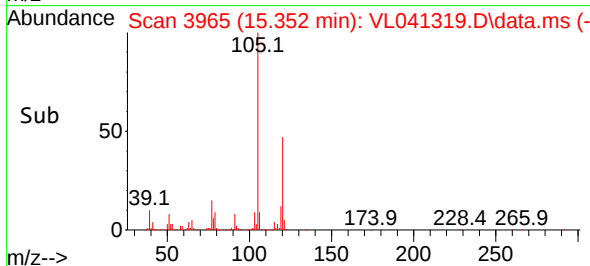
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



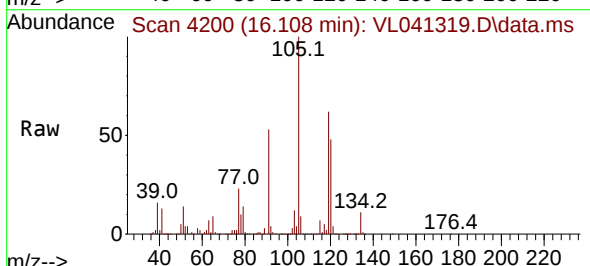
Tgt Ion:105 Resp: 249236
Ion Ratio Lower Upper
105 100
120 46.6 37.8 56.8

Manual Integrations
APPROVED

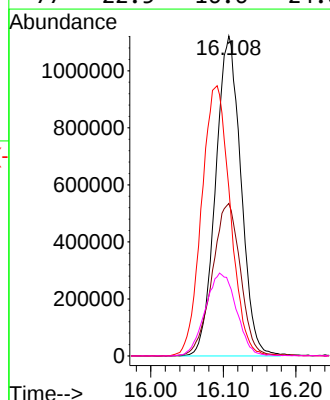
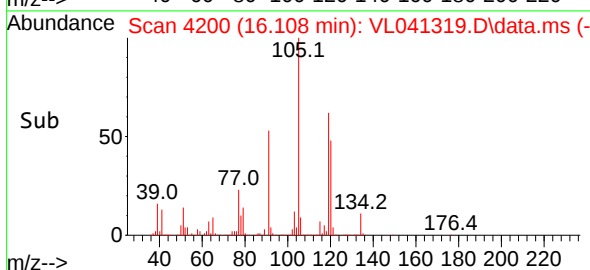
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

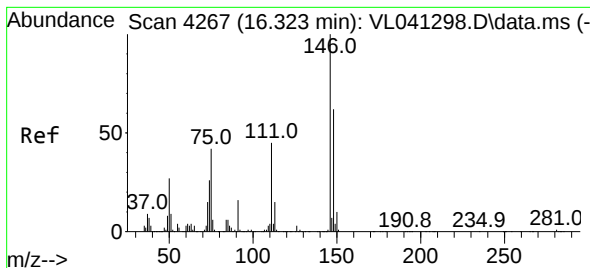


#74
1,2,4-Trimethylbenzene
Concen: 6.299 ppbv
RT: 16.108 min Scan# 4200
Delta R.T. 0.003 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51



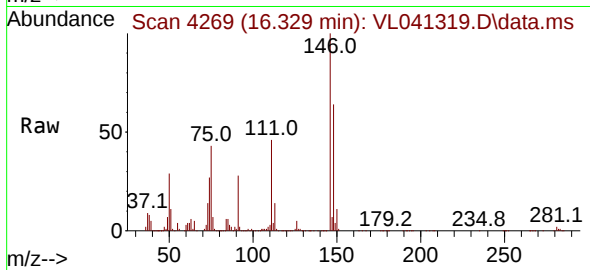
Tgt Ion:105 Resp: 2721693
Ion Ratio Lower Upper
105 100
120 47.4 37.0 55.6
91 52.2 36.2 54.4
77 22.5 16.6 24.8





#75
1,3-Dichlorobenzene
Concen: 6.245 ppbv
RT: 16.329 min Scan# 4267
Delta R.T. 0.006 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51

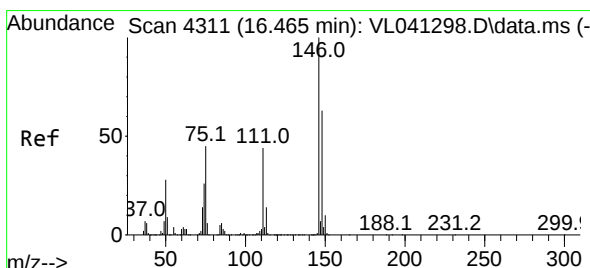
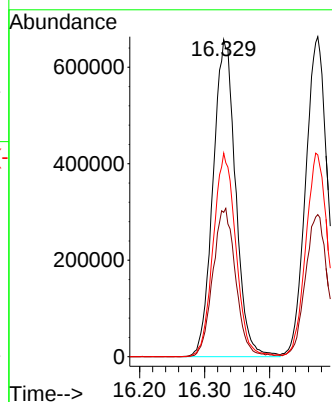
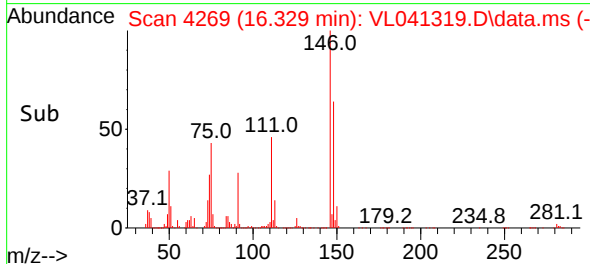
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



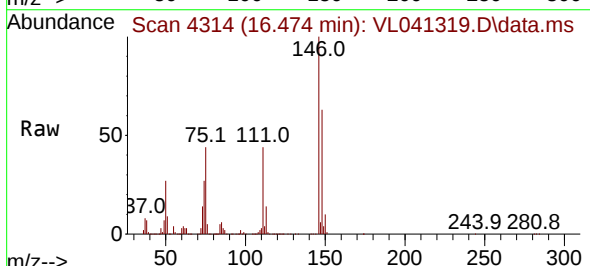
Tgt Ion:146 Resp: 1583939
Ion Ratio Lower Upper
146 100
111 47.4 23.3 69.8
148 64.2 32.2 96.6

Manual Integrations
APPROVED

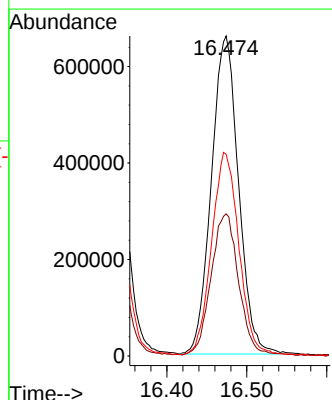
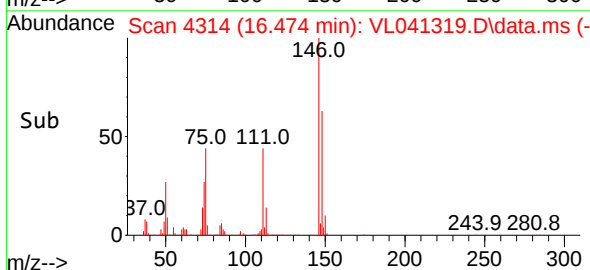
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

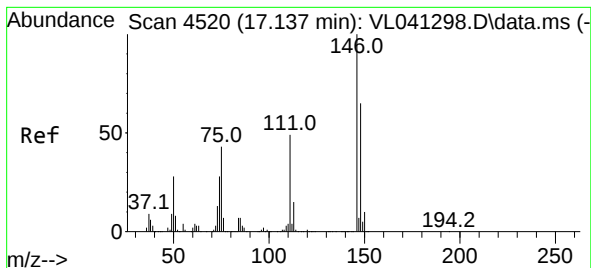


#76
1,4-Dichlorobenzene
Concen: 6.123 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. 0.010 min
Lab File: VL041319.D
Acq: 5 Jun 2024 7:51



Tgt Ion:146 Resp: 1552025
Ion Ratio Lower Upper
146 100
111 46.4 23.3 69.9
148 65.3 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 6.107 ppbv

RT: 17.143 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041319.D

Acq: 5 Jun 2024 7:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 155068

Ion Ratio Lower Upper

146 100

111 48.2 24.3 72.9

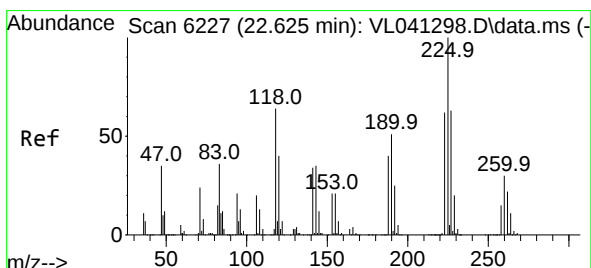
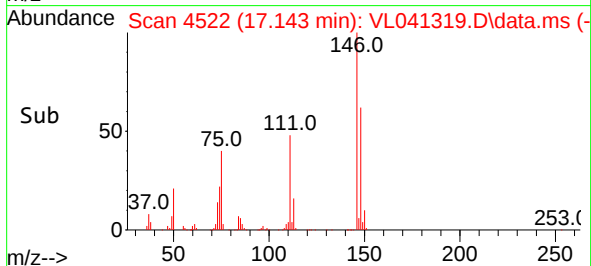
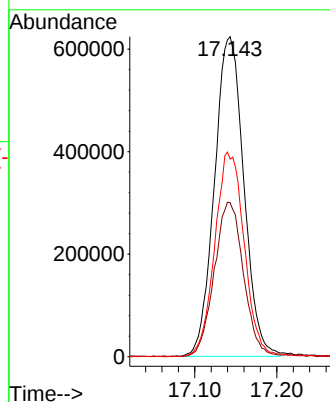
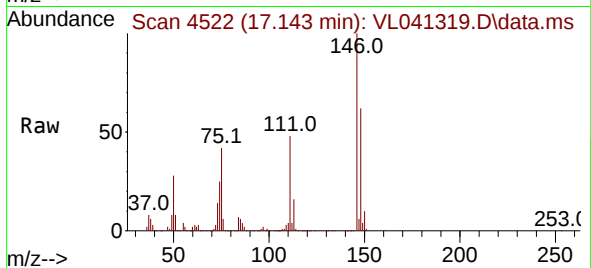
148 64.3 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#78

Hexachloro-1,3-Butadiene

Concen: 5.407 ppbv m

RT: 22.635 min Scan# 6230

Delta R.T. 0.010 min

Lab File: VL041319.D

Acq: 5 Jun 2024 7:51

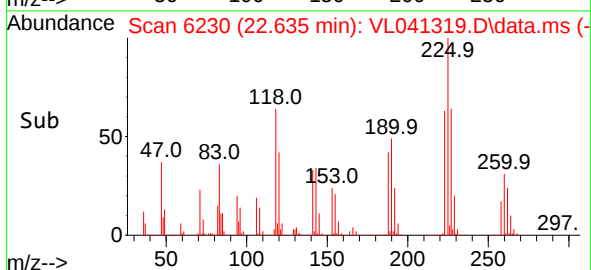
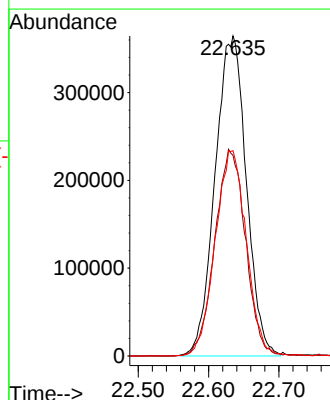
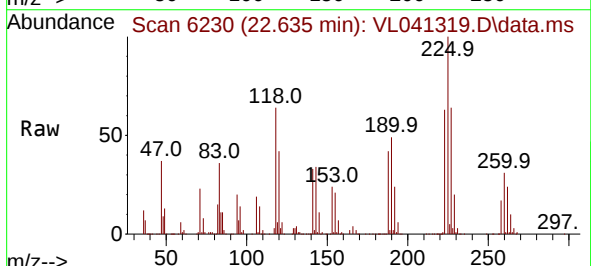
Tgt Ion:225 Resp: 1125146

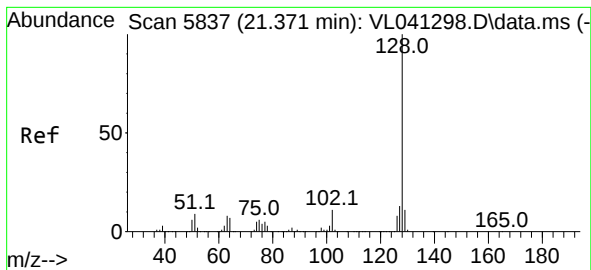
Ion Ratio Lower Upper

225 100

223 0.0 51.0 76.6#

227 64.2 51.1 76.7





#79

Naphthalene

Concen: 7.504 ppbv

RT: 21.384 min Scan# 5841

Delta R.T. 0.013 min

Lab File: VL041319.D

Acq: 5 Jun 2024 7:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 281362

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

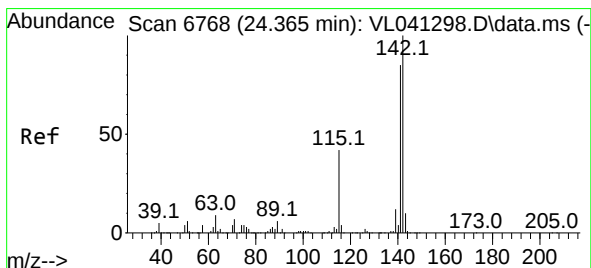
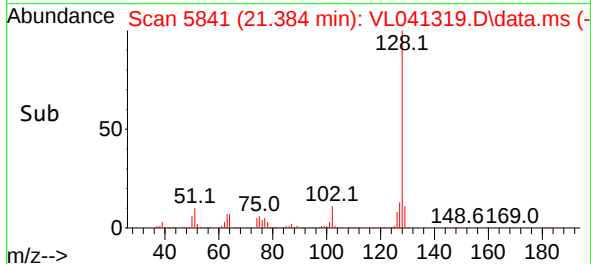
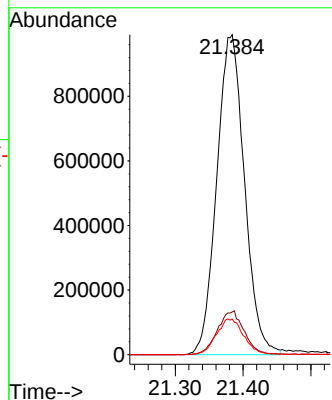
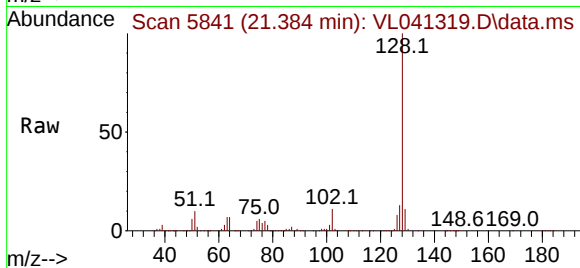
129 11.2 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#80

Naphthalene,2-methyl-

Concen: 7.803 ppbv

RT: 24.374 min Scan# 6771

Delta R.T. 0.010 min

Lab File: VL041319.D

Acq: 5 Jun 2024 7:51

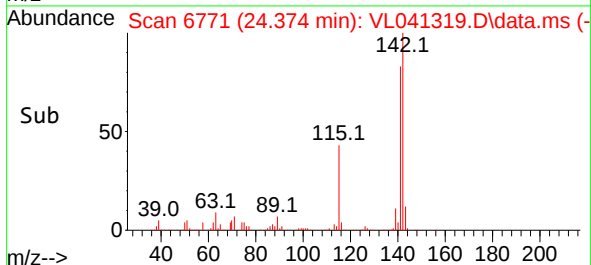
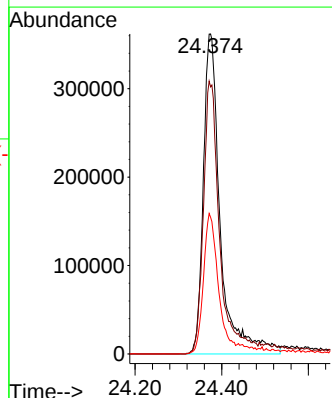
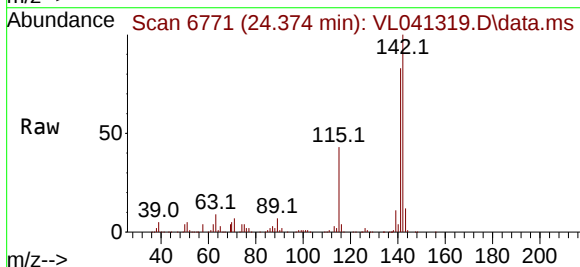
Tgt Ion:142 Resp: 988013

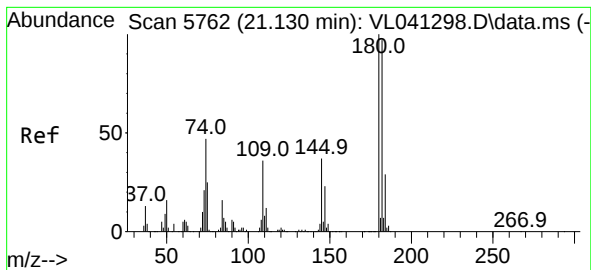
Ion Ratio Lower Upper

142 100

141 85.6 68.5 102.7

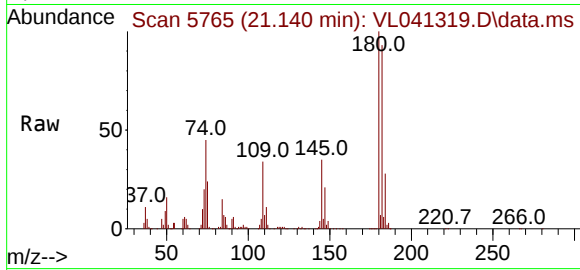
115 42.4 32.6 49.0





#81
 1,2,4-Trichlorobenzene
 Concen: 6.133 ppbv
 RT: 21.140 min Scan# 51
 Delta R.T. 0.010 min
 Lab File: VL041319.D
 Acq: 5 Jun 2024 7:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1282194
 Ion Ratio Lower Upper
 180 100
 182 95.8 77.0 115.6
 184 30.7 0.0 0.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

