

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041471.D
 Acq On : 1 Aug 2024 9:58
 Operator : SY/MD
 Sample : VL0801ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0801ABS01

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 04:10:24 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)

Internal Standards						
1) Bromochloromethane	5.189	49	976119	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2660235	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2667155	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.773 95 2012718 9.806 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.729	85	1324673	7.888	ppbv	99
3) Chlorodifluoromethane	2.674	51	1214698	10.453	ppbv	100
4) Chloromethane	2.812	50	650317	10.522	ppbv	100
5) Vinyl Chloride	2.919	62	634952	10.423	ppbv	98
6) Bromomethane	3.118	94	346663	11.072	ppbv	99
7) Chloroethane	3.195	64	224486	10.677	ppbv	93
8) Dichlorotetrafluoroethane	2.857	85	1555042	10.451	ppbv	98
9) Propene	2.694	41	557155	10.437	ppbv	98
10) Heptane	7.581	43	1353231	11.283	ppbv	100
11) Trichlorofluoromethane	3.562	101	1533466	10.282	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.063	101	1102395	10.265	ppbv	100
13) Ethanol	3.243	45	40979m	8.589	ppbv	
14) Bromoethene	3.366	108	457062	10.917	ppbv	100
15) Acetone	3.465	43	1133327	10.219	ppbv	99
16) 1,3-Butadiene	2.986	39	637961	10.766	ppbv	98
17) tert-Butyl alcohol	3.874	59	1145955	11.329	ppbv	100
18) 1,1-Dichloroethene	3.880	96	501034	10.907	ppbv	100
19) Isopropyl Alcohol	3.575	45	724747	11.178	ppbv	100
20) Methylene Chloride	3.931	84	415315	10.042	ppbv	97
21) Allyl Chloride	3.996	41	786277	10.810	ppbv	99
22) trans-1,2-Dichloroethene	4.443	96	465766	10.140	ppbv	99
23) Vinyl Acetate	4.623	43	995171	11.749	ppbv	99
24) 1,1-Dichloroethane	4.562	63	1055455	10.583	ppbv	99
25) Ethyl Acetate	5.201	43	2414683	10.959	ppbv	99
26) Hexane	5.211	57	995901	10.896	ppbv	99
27) Carbon Disulfide	4.121	76	1163264	10.879	ppbv	98
28) Methyl tert-Butyl Ether	4.584	73	605123	10.498	ppbv	99
29) Chloroform	5.272	83	1587523	10.649	ppbv	97
30) Cyclohexane	6.603	84	873879	11.741	ppbv	97
31) cis-1,2-Dichloroethene	5.076	61	980793	10.862	ppbv	99
32) 1,1,1-Trichloroethane	6.002	97	1543296	10.635	ppbv	100
34) 2-Butanone	4.783	43	1433071	11.136	ppbv	100
35) Carbon Tetrachloride	6.491	117	1626913	11.088	ppbv	100
36) Benzene	6.369	78	2139510	11.007	ppbv	100
37) 1,2-Dichloroethane	5.806	62	1220445	11.218	ppbv	100
38) Trichloroethene	7.291	130	995894	11.183	ppbv	99
39) 1,2-Dichloropropane	7.073	63	820518	11.026	ppbv	97
40) 1,4-Dioxane	7.282	88	361174	12.081	ppbv	96
41) Tetrahydrofuran	5.555	42	859495	11.678	ppbv	99
42) Bromodichloromethane	7.250	83	1731081	11.019	ppbv	98
43) Methyl Methacrylate	7.471	69	857698	12.305	ppbv	99
44) 2,2,4-Trimethylpentane	7.327	57	3593291	11.068	ppbv	99
45) t-1,3-Dichloropropene	8.709	75	860115	13.406	ppbv	95

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

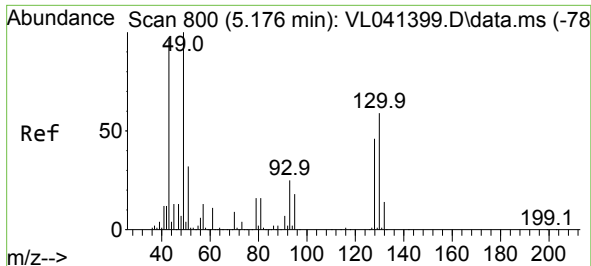
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

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

Response via : Initial Calibration

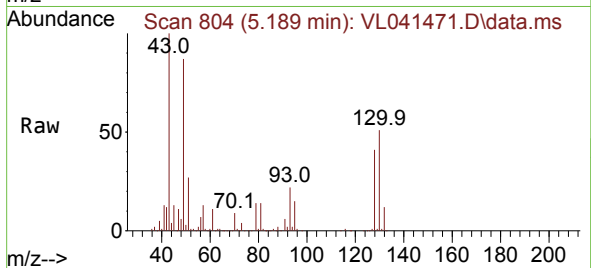
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1161186	12.534	ppbv	96
47) 1,1,2-Trichloroethane	8.899	97	902744	11.005	ppbv	95
48) Dibromochloromethane	9.709	129	1500596	11.355	ppbv	100
49) Bromoform	12.404	173	1308273	11.720	ppbv	99
50) 4-Methyl-2-Pentanone	8.179	43	2400544	11.824	ppbv	100
51) 2-Hexanone	9.549	43	1947631	12.686	ppbv #	100
52) Tetrachloroethene	10.616	164	830394	11.056	ppbv	99
53) Toluene	9.221	91	2531340	11.691	ppbv	100
54) 1,2-Dibromoethane	10.008	107	1293556	11.847	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.507	131	1097354	10.609	ppbv #	57
57) Chlorobenzene	11.526	112	1965853	10.352	ppbv	98
58) Ethyl Benzene	12.089	91	3402414	11.068	ppbv	98
59) m/p-Xylene	12.372	91	5814942m	21.912	ppbv	
60) o-Xylene	13.056	91	2781518	11.080	ppbv	99
61) Styrene	12.896	104	1385973	12.238	ppbv	98
62) Isopropylbenzene	14.027	105	4045584	10.601	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.044	83	1687158	10.643	ppbv	100
64) n-propylbenzene	14.915	120	1088859	10.913	ppbv	97
65) tert-Butylbenzene	16.088	119	3657397	10.610	ppbv	99
66) Benzyl Chloride	16.323	91	288309	13.040	ppbv	99
67) sec-Butylbenzene	16.635	105	5102891	10.745	ppbv	100
69) p-Isopropyltoluene	16.992	119	4310721	10.938	ppbv	100
70) n-Butylbenzene	17.883	91	4453598	11.023	ppbv	100
71) 2-Chlorotoluene	14.799	91	3064012	10.887	ppbv	99
72) 4-Ethyltoluene	15.191	105	3354707	11.351	ppbv	99
73) 1,3,5-Trimethylbenzene	15.349	105	2871028	11.276	ppbv	98
74) 1,2,4-Trimethylbenzene	16.108	105	3203510	10.822	ppbv	97
75) 1,3-Dichlorobenzene	16.330	146	1982586	10.655	ppbv	100
76) 1,4-Dichlorobenzene	16.471	146	1933139	10.729	ppbv	100
77) 1,2-Dichlorobenzene	17.140	146	1939024	10.512	ppbv	100
78) Hexachloro-1,3-Butadiene	22.632	225	1474446	9.373	ppbv	99
79) Naphthalene	21.378	128	3289970	12.592	ppbv	100
80) Naphthalene,2-methyl-	24.371	142	2972862	13.574	ppbv	99
81) 1,2,4-Trichlorobenzene	21.137	180	1724543	11.092	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: VL041471.D
Acq: 1 Aug 2024 9:58

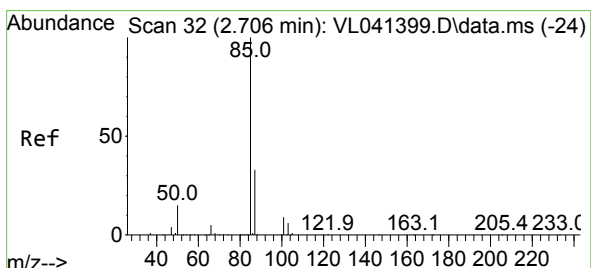
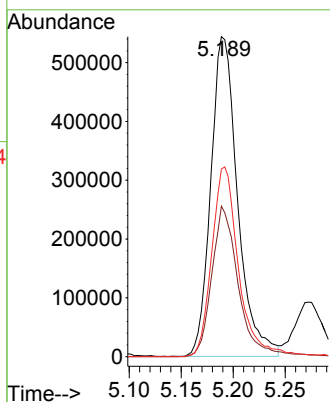
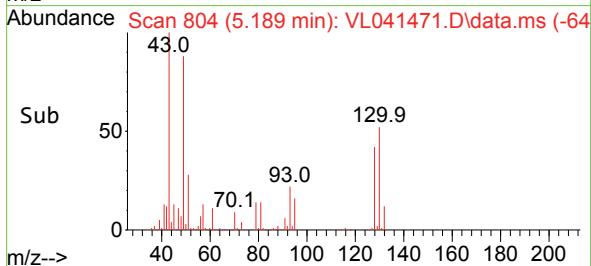
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



Tgt Ion: 49 Resp: 976119
Ion Ratio Lower Upper
49 100
128 47.1 23.8 71.4
130 60.5 30.8 92.4

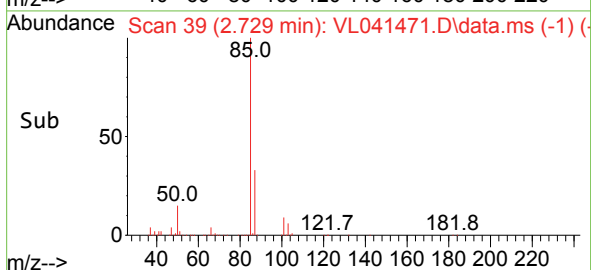
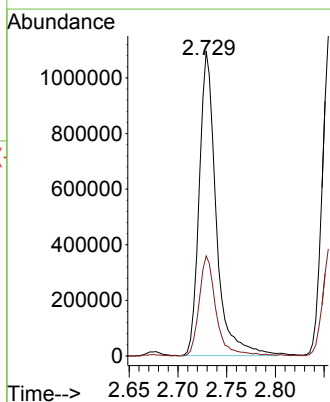
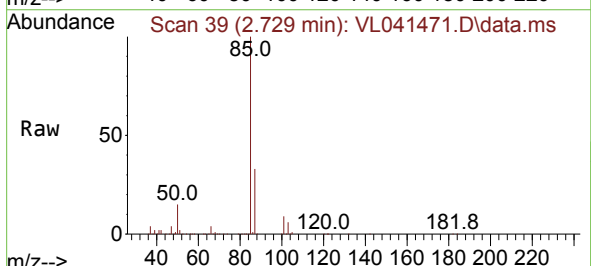
Manual Integrations
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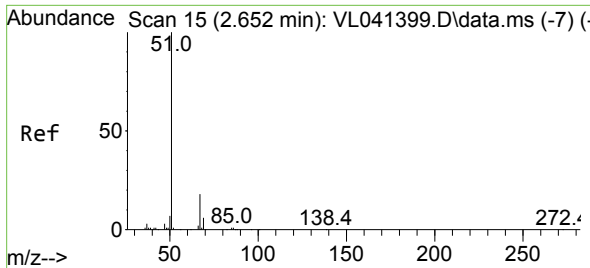
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#2
Dichlorodifluoromethane
Concen: 7.888 ppbv
RT: 2.729 min Scan# 39
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

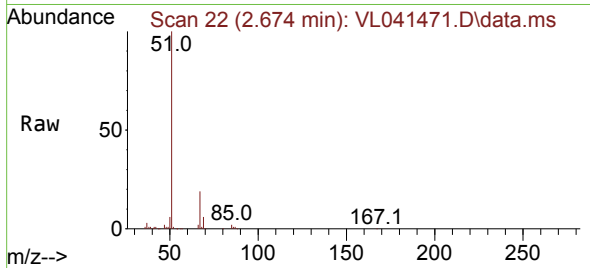
Tgt Ion: 85 Resp: 1324673
Ion Ratio Lower Upper
85 100
87 32.8 26.0 39.0





#3
Chlorodifluoromethane
Concen: 10.453 ppbv
RT: 2.674 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

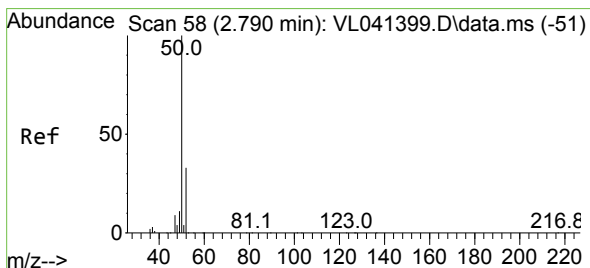
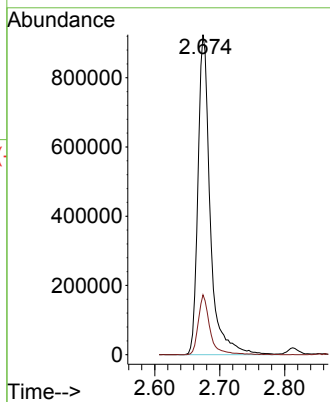
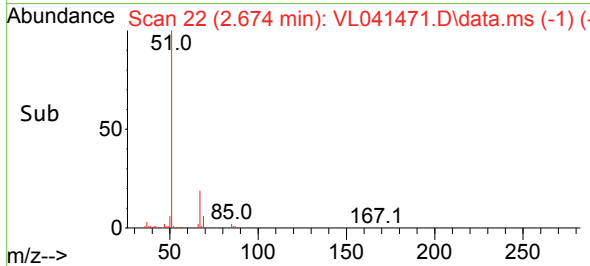
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



Tgt Ion: 51 Resp: 1214698
Ion Ratio Lower Upper
51 100
67 17.9 14.5 21.7

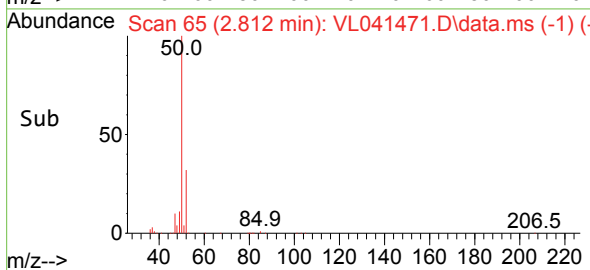
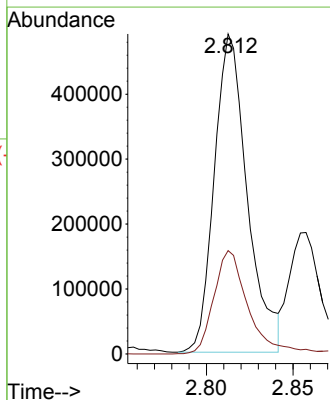
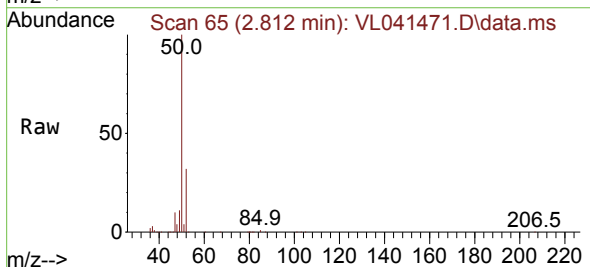
Manual Integrations
APPROVED

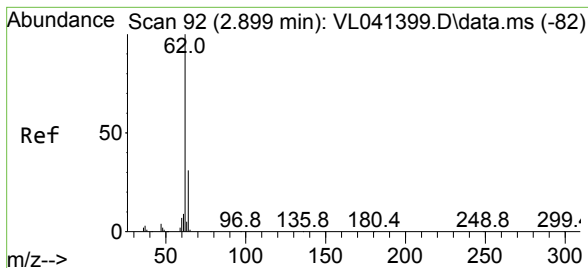
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#4
Chloromethane
Concen: 10.522 ppbv
RT: 2.812 min Scan# 65
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

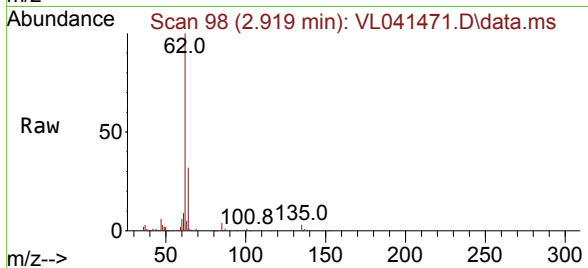
Tgt Ion: 50 Resp: 650317
Ion Ratio Lower Upper
50 100
52 32.4 26.1 39.1





#5
 Vinyl Chloride
 Concen: 10.423 ppbv
 RT: 2.919 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL041471.D
 Acq: 1 Aug 2024 9:58

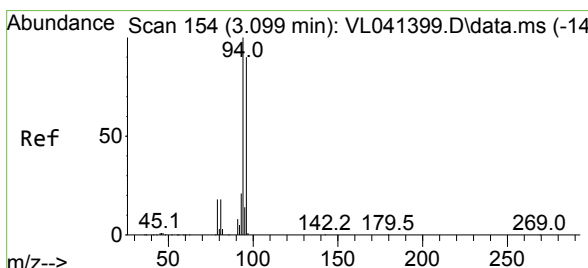
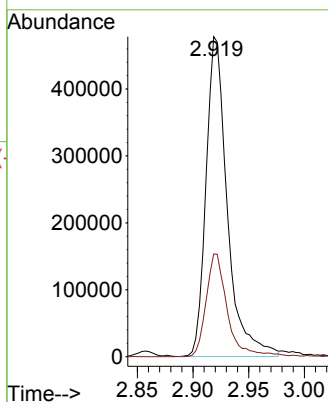
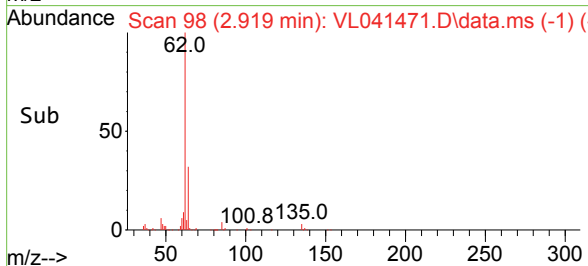
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0801ABS01



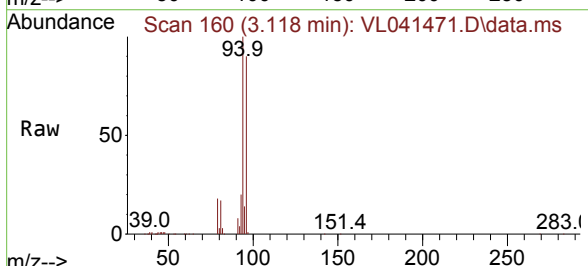
Tgt Ion: 62 Resp: 634952
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.0 37.4

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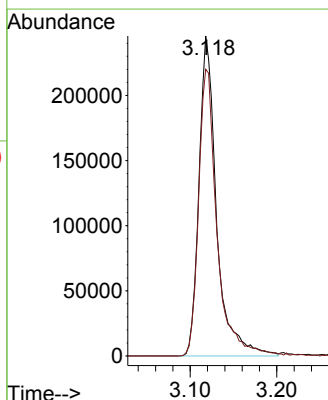
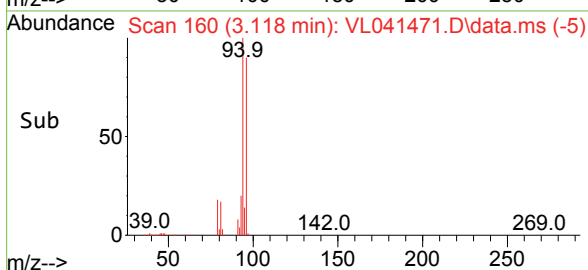
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

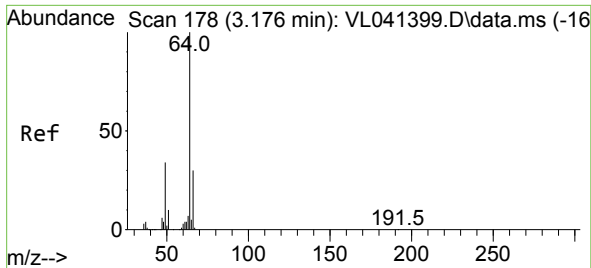


#6
 Bromomethane
 Concen: 11.072 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VL041471.D
 Acq: 1 Aug 2024 9:58



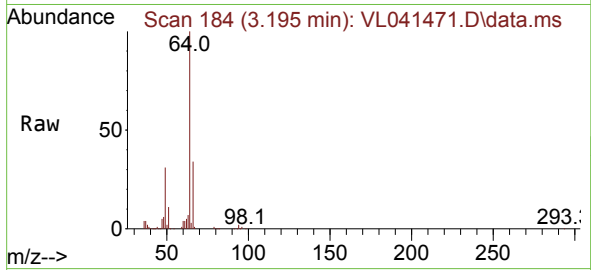
Tgt Ion: 94 Resp: 346663
 Ion Ratio Lower Upper
 94 100
 96 89.6 72.3 108.5





#7
Chloroethane
Concen: 10.677 ppbv
RT: 3.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

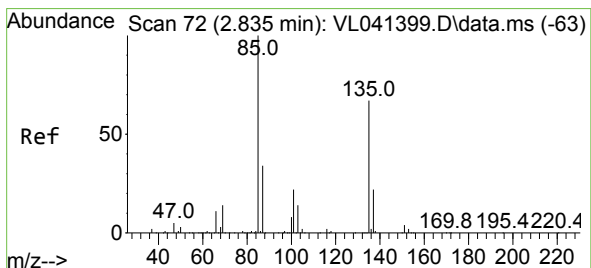
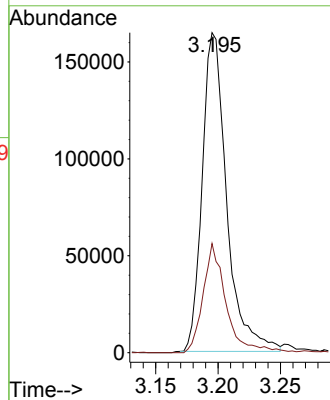
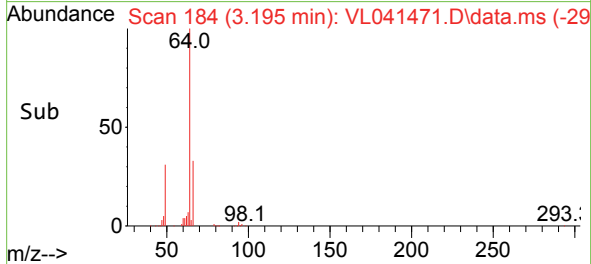
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



Tgt Ion: 64 Resp: 224480
Ion Ratio Lower Upper
64 100
66 34.1 24.2 36.2

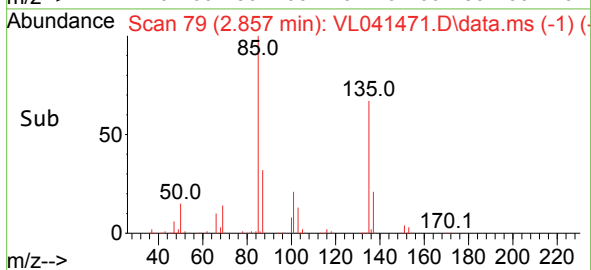
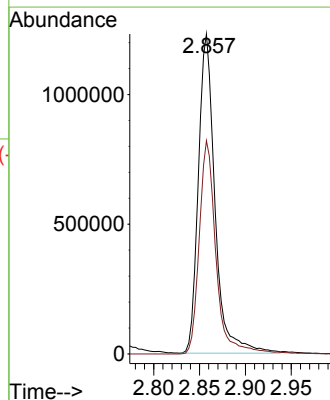
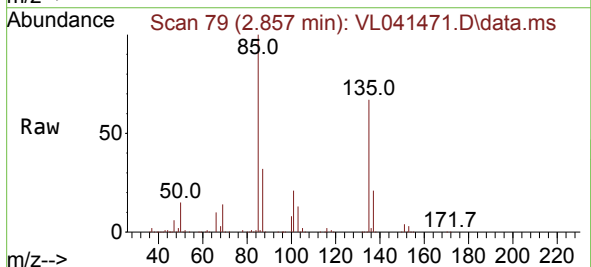
Manual Integrations
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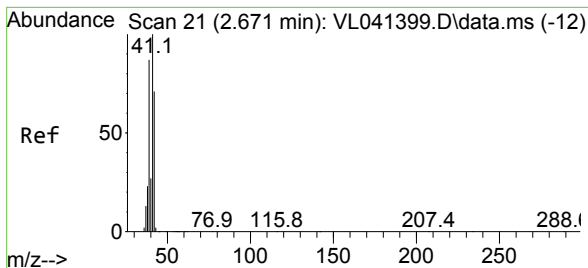
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#8
Dichlorotetrafluoroethane
Concen: 10.451 ppbv
RT: 2.857 min Scan# 79
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

Tgt Ion: 85 Resp: 1555042
Ion Ratio Lower Upper
85 100
135 67.7 55.4 83.0





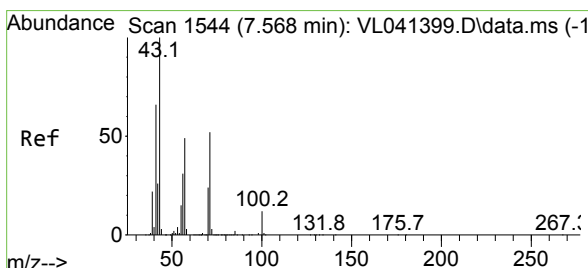
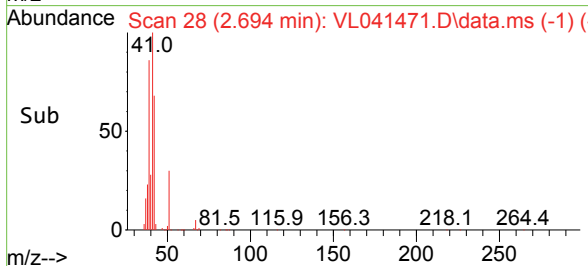
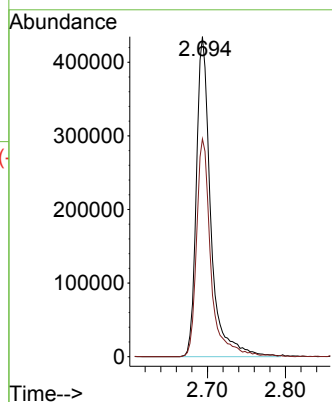
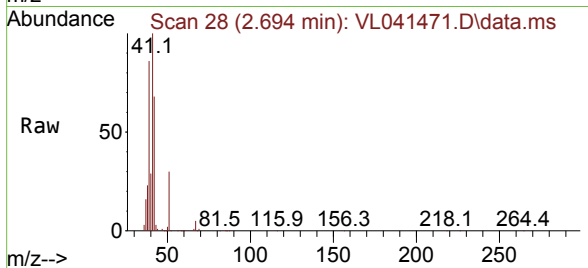
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 Propene
 Concen: 10.437 ppbv
 RT: 2.694 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VL041471.D
 Acq: 1 Aug 2024 9:58

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0801ABS01

Tgt Ion: 41 Resp: 55715
 Ion Ratio Lower Upper
 41 100
 42 68.3 55.9 83.9

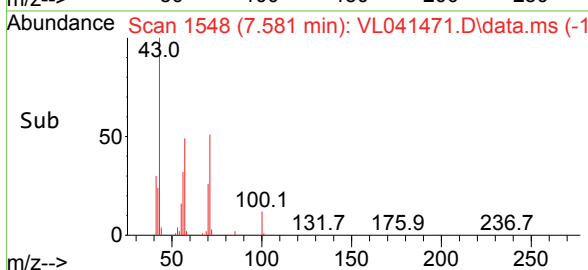
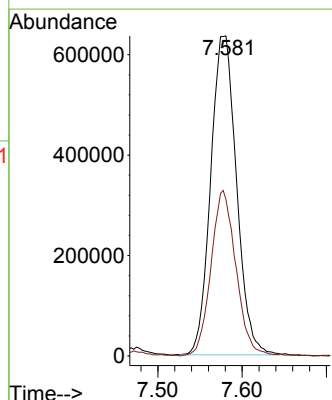
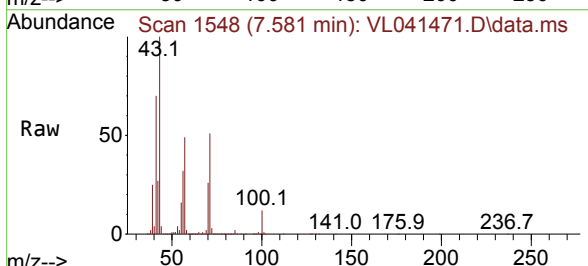
Manual Integrations
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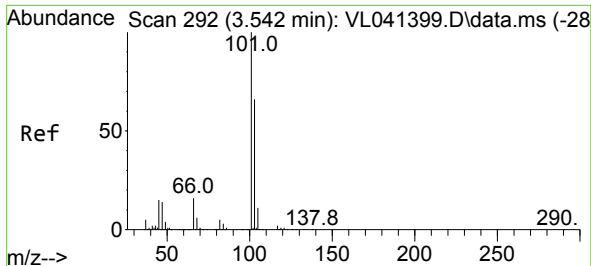
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#10
 Heptane
 Concen: 11.283 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.003 min
 Lab File: VL041471.D
 Acq: 1 Aug 2024 9:58

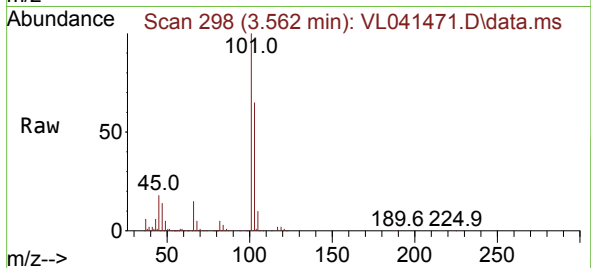
Tgt Ion: 43 Resp: 1353231
 Ion Ratio Lower Upper
 43 100
 57 50.4 40.5 60.7





#11
Trichlorofluoromethane
Concen: 10.282 ppbv
RT: 3.562 min Scan# 292
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

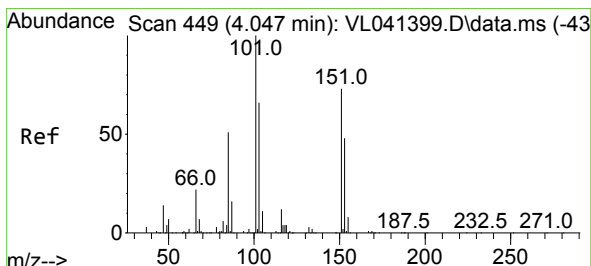
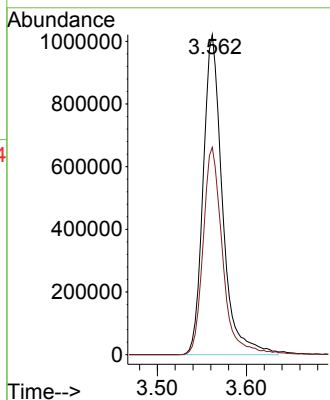
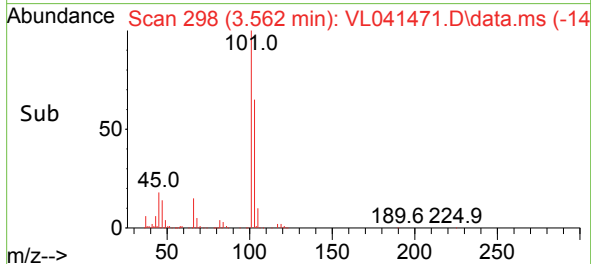
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



Tgt Ion:101 Resp: 1533460
Ion Ratio Lower Upper
101 100
103 64.8 52.6 79.0

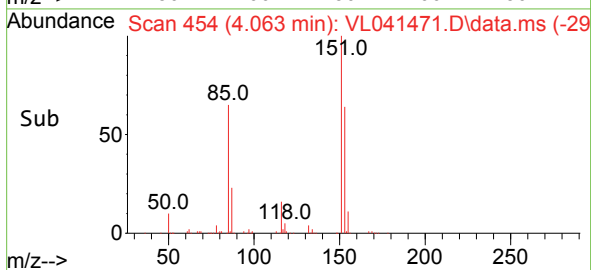
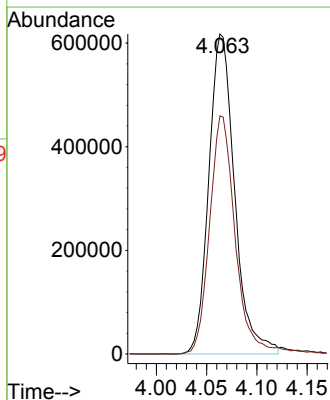
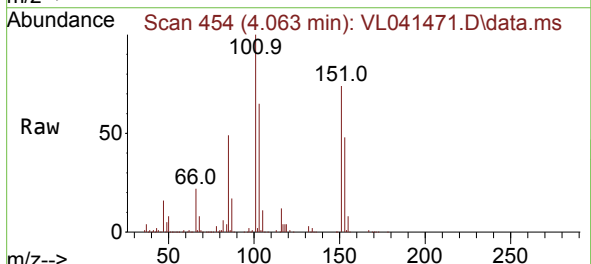
Manual Integrations
APPROVED

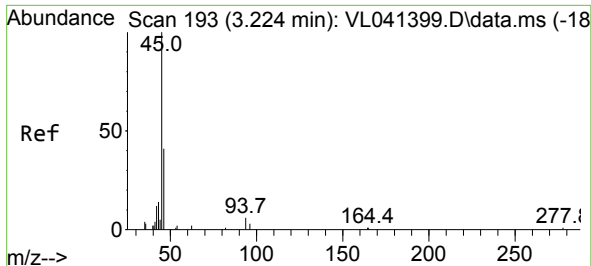
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.265 ppbv
RT: 4.063 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

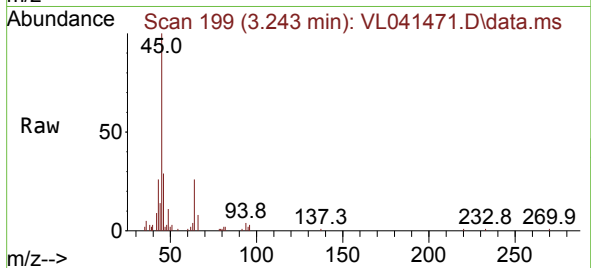
Tgt Ion:101 Resp: 1102395
Ion Ratio Lower Upper
101 100
151 74.5 59.4 89.2





#13
Ethanol
Concen: 8.589 ppbv m
RT: 3.243 min Scan# 193
Delta R.T. -0.003 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

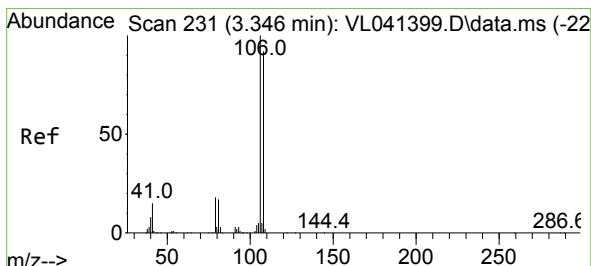
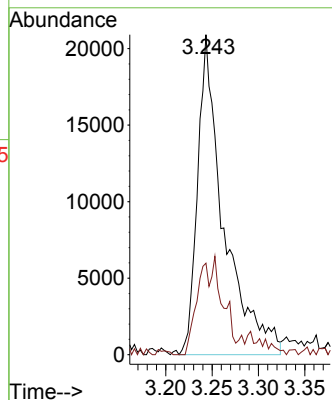
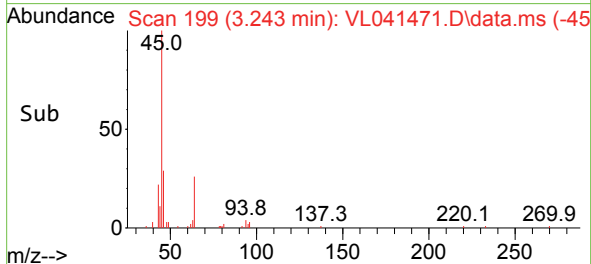
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



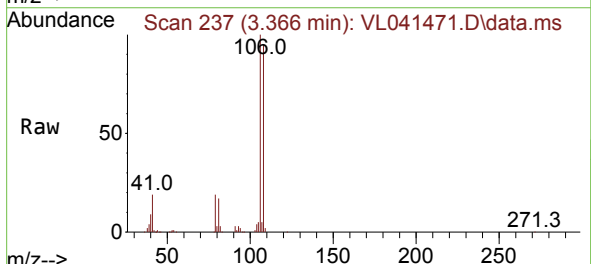
Tgt Ion: 45 Resp: 40979
Ion Ratio Lower Upper
45 100
46 34.9 13.4 53.4

Manual Integrations
APPROVED

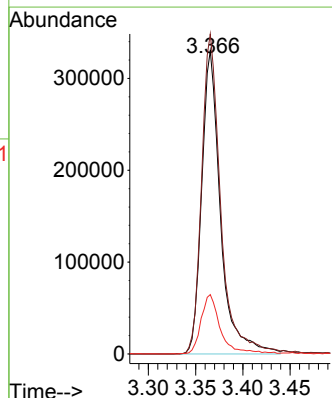
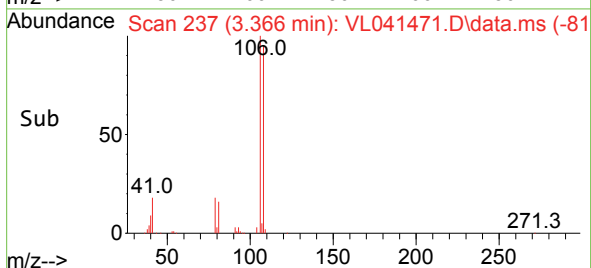
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

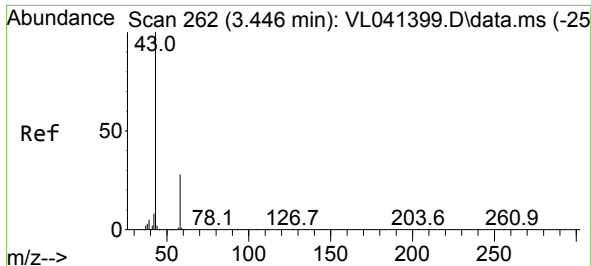


#14
Bromoethene
Concen: 10.917 ppbv
RT: 3.366 min Scan# 237
Delta R.T. 0.003 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58



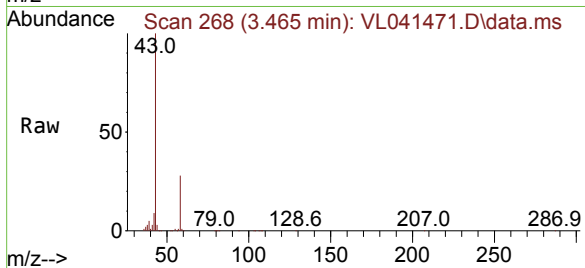
Tgt Ion:108 Resp: 457062
Ion Ratio Lower Upper
108 100
106 108.5 86.9 130.3
79 20.8 16.2 24.4





#15
Acetone
Concen: 10.219 ppbv
RT: 3.465 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

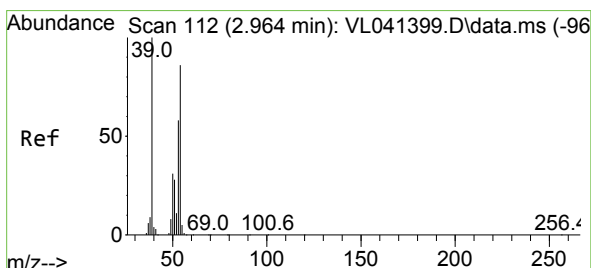
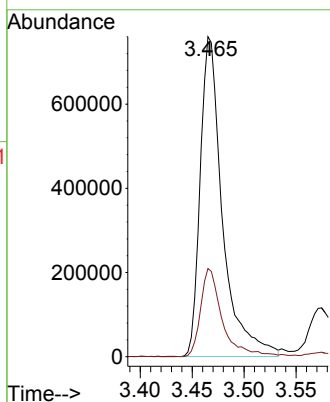
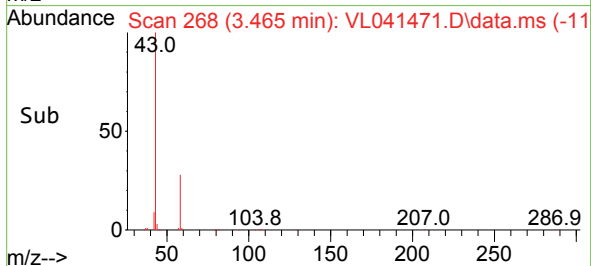
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



Tgt Ion: 43 Resp: 113332
Ion Ratio Lower Upper
43 100
58 27.1 21.4 32.2

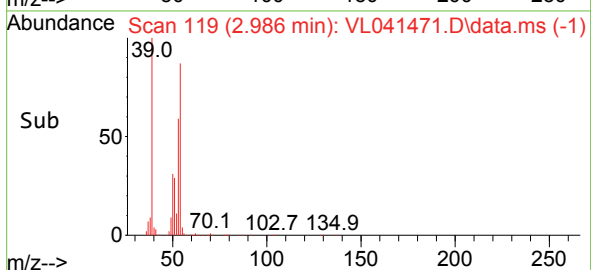
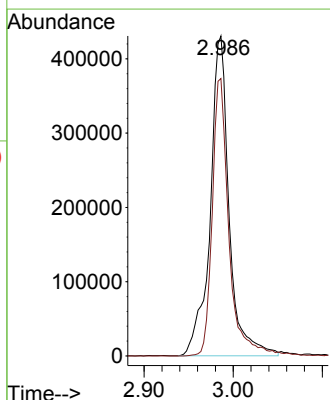
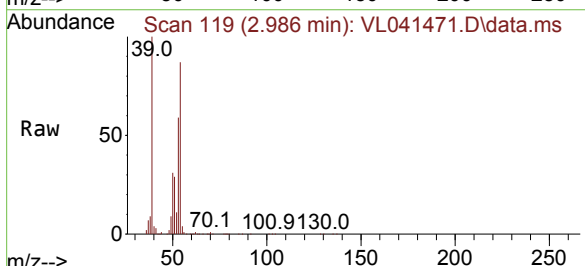
Manual Integrations
APPROVED

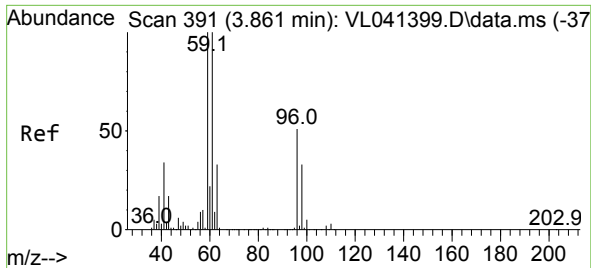
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#16
1,3-Butadiene
Concen: 10.766 ppbv
RT: 2.986 min Scan# 119
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

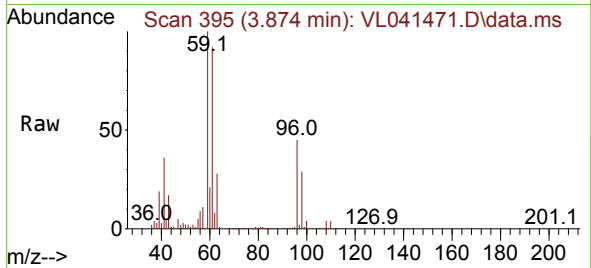
Tgt Ion: 39 Resp: 637961
Ion Ratio Lower Upper
39 100
54 76.4 62.5 93.7





#17
tert-Butyl alcohol
Concen: 11.329 ppbv
RT: 3.874 min Scan# 391
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

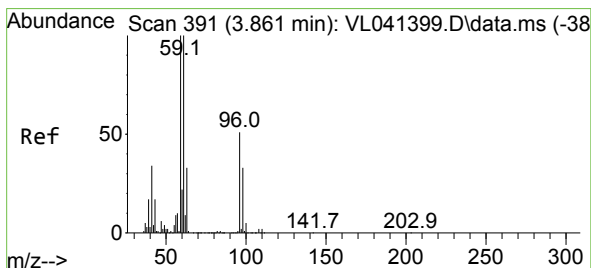
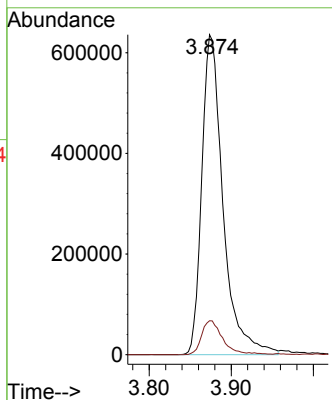
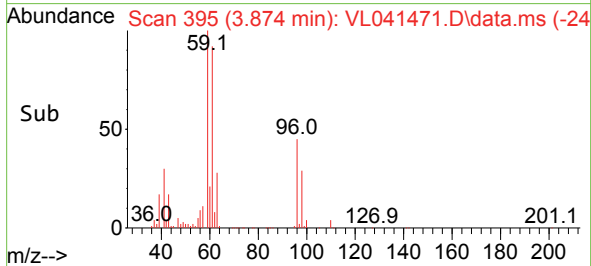
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



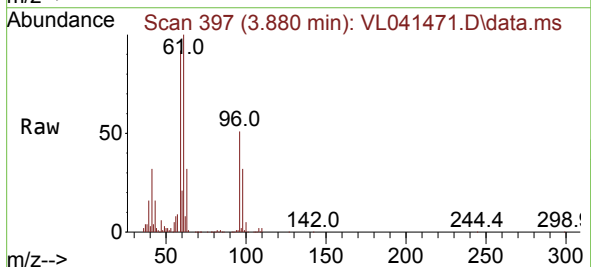
Tgt Ion: 59 Resp: 114595
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

Manual Integrations
APPROVED

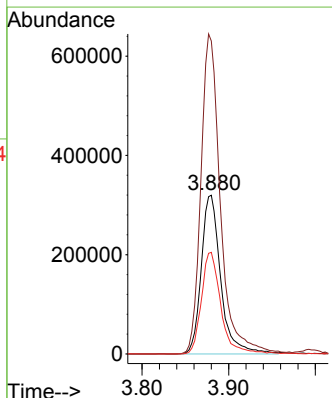
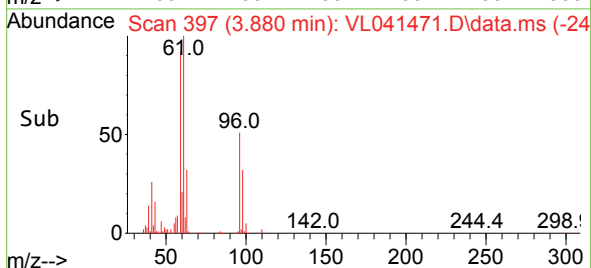
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

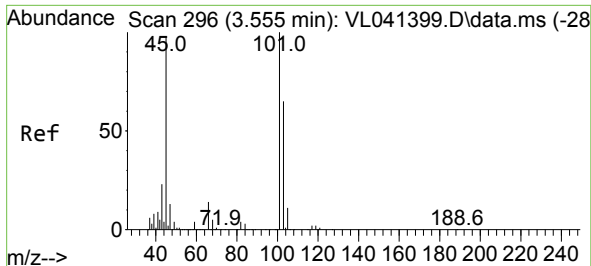


#18
1,1-Dichloroethene
Concen: 10.907 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.003 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58



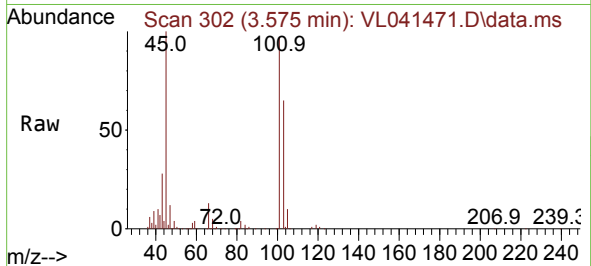
Tgt Ion: 96 Resp: 501034
Ion Ratio Lower Upper
96 100
61 197.1 157.5 236.3
98 64.0 51.2 76.8





#19
Isopropyl Alcohol
Concen: 11.178 ppbv
RT: 3.575 min Scan# 302
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

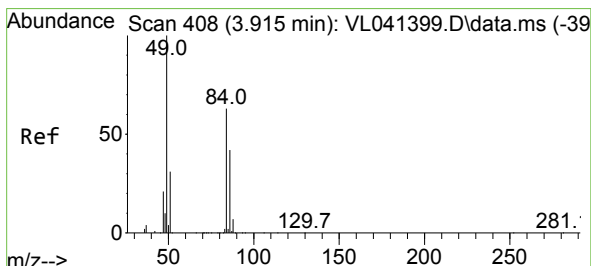
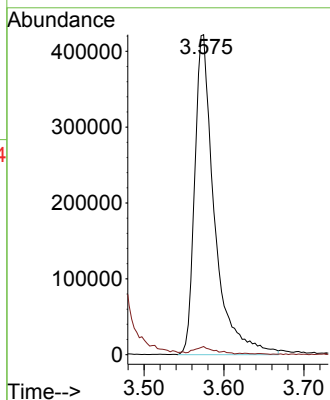
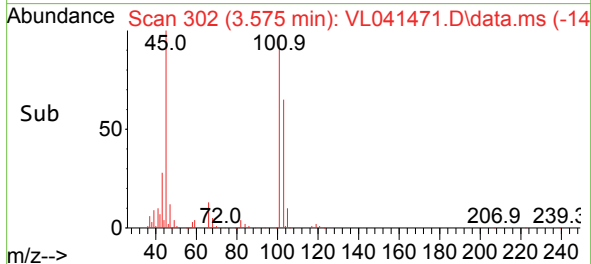
Instrument : MSVOA_L
ClientSampleId : VL0801ABS01



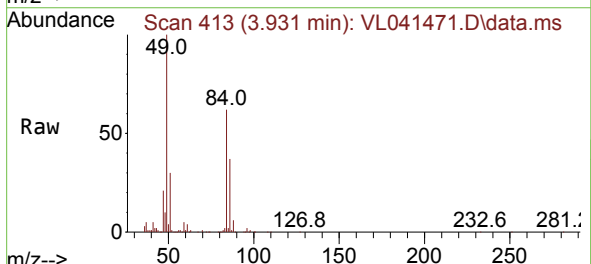
Tgt Ion: 45 Resp: 72474
Ion Ratio Lower Upper
45 100
58 2.3 1.9 2.9

Manual Integrations
APPROVED

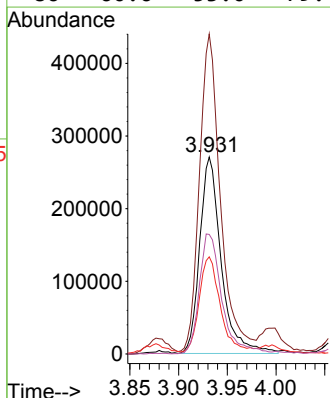
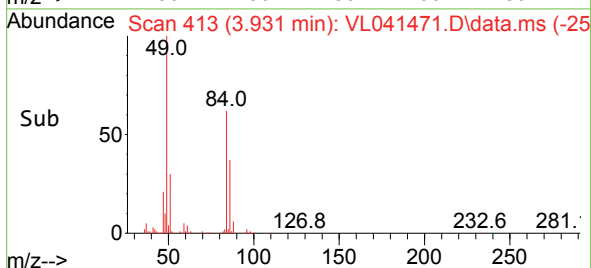
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

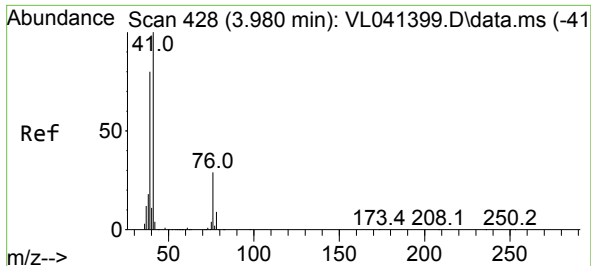


#20
Methylene Chloride
Concen: 10.042 ppbv
RT: 3.931 min Scan# 413
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58



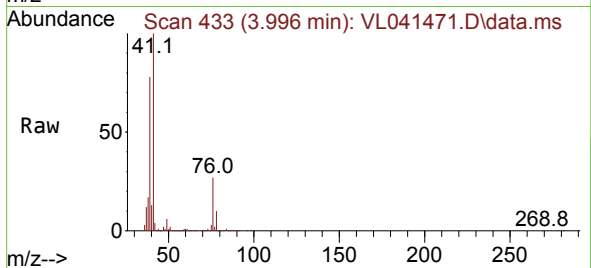
Tgt Ion: 84 Resp: 415315
Ion Ratio Lower Upper
84 100
49 161.7 126.6 190.0
51 48.1 38.6 58.0
86 60.6 53.0 79.4





#21
 Allyl Chloride
 Concen: 10.810 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041471.D
 Acq: 1 Aug 2024 9:58

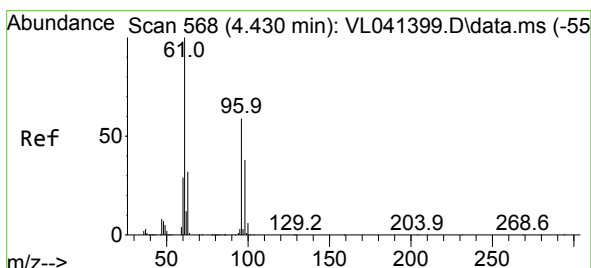
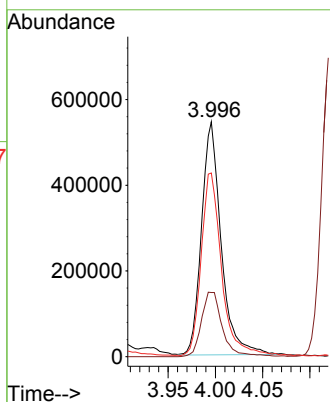
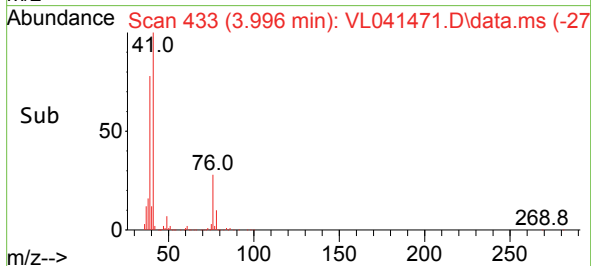
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0801ABS01



Tgt Ion: 41 Resp: 78627
 Ion Ratio Lower Upper
 41 100
 76 29.6 23.7 35.5
 39 82.0 64.3 96.5

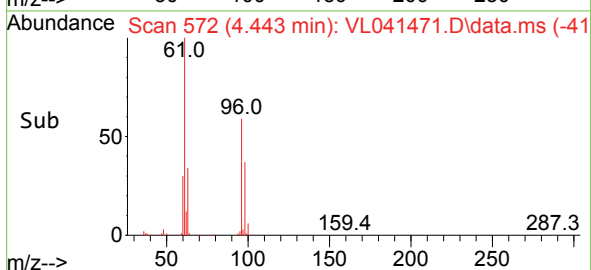
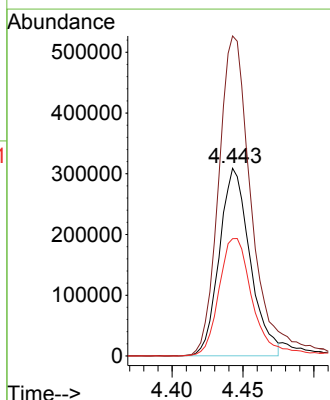
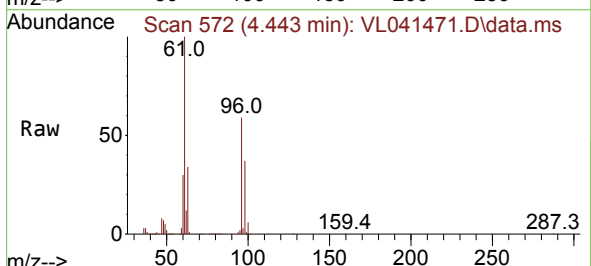
Manual Integrations
 APPROVED

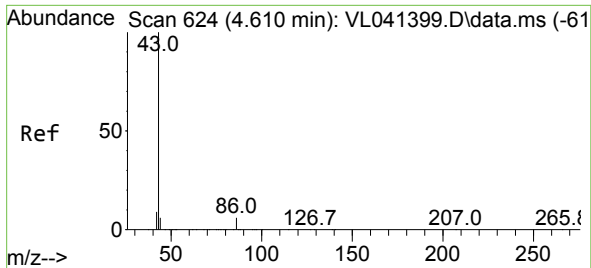
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#22
 trans-1,2-Dichloroethene
 Concen: 10.140 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. -0.000 min
 Lab File: VL041471.D
 Acq: 1 Aug 2024 9:58

Tgt Ion: 96 Resp: 465766
 Ion Ratio Lower Upper
 96 100
 61 170.6 135.4 203.2
 98 62.5 51.0 76.4





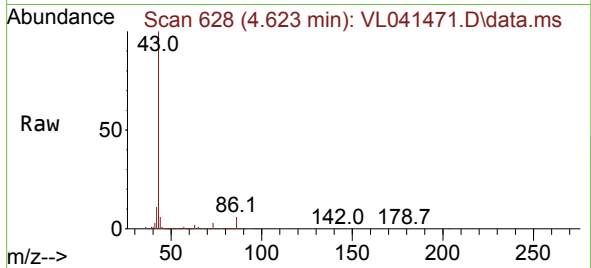
#23
 Vinyl Acetate
 Concen: 11.749 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL041471.D
 Acq: 1 Aug 2024 9:58

Instrument :

MSVOA_L

ClientSampleId :

VL0801ABS01

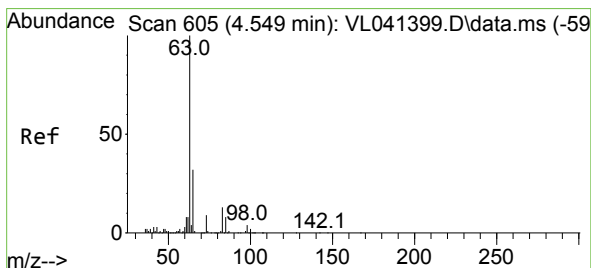
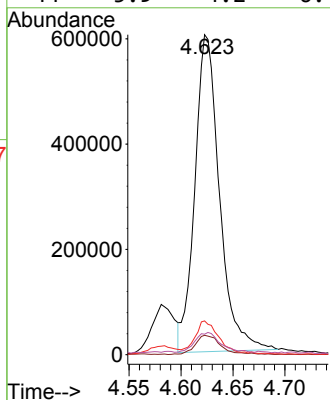
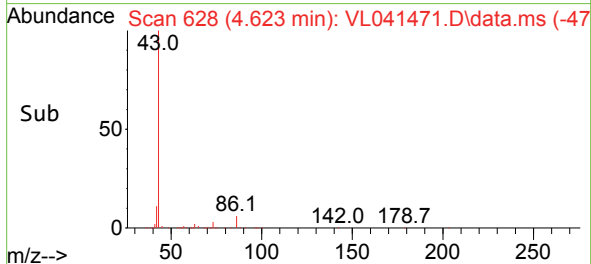


Tgt Ion: 43 Resp: 99517
 Ion Ratio Lower Upper
 43 100
 86 6.0 4.6 6.8
 42 10.5 7.9 11.9
 44 5.9 4.2 6.4

Manual Integrations

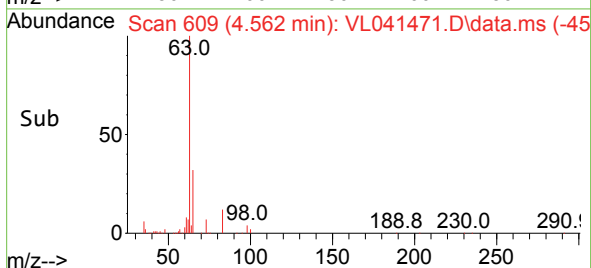
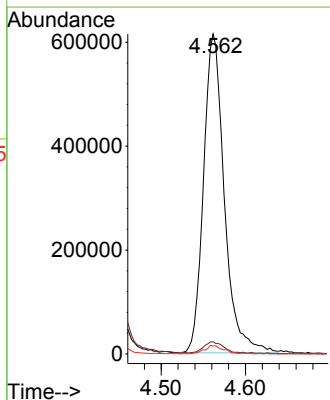
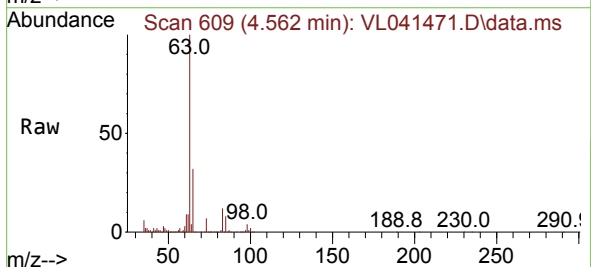
APPROVED

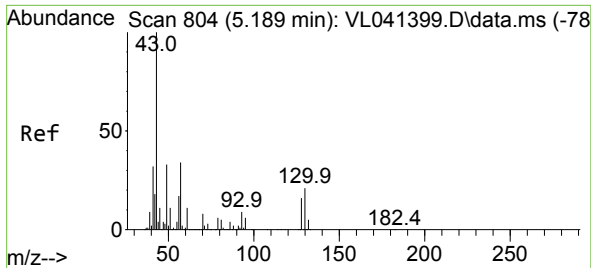
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#24
 1,1-Dichloroethane
 Concen: 10.583 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.000 min
 Lab File: VL041471.D
 Acq: 1 Aug 2024 9:58

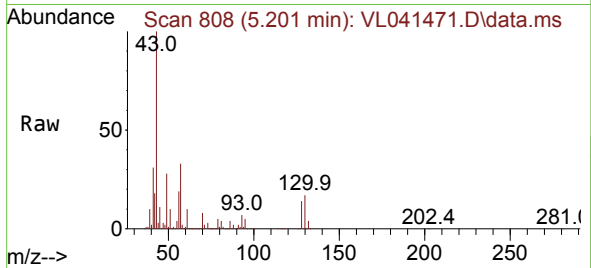
Tgt Ion: 63 Resp: 1055455
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.0 6.0
 100 2.5 1.2 3.6





#25
Ethyl Acetate
Concen: 10.959 ppbv
RT: 5.201 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01

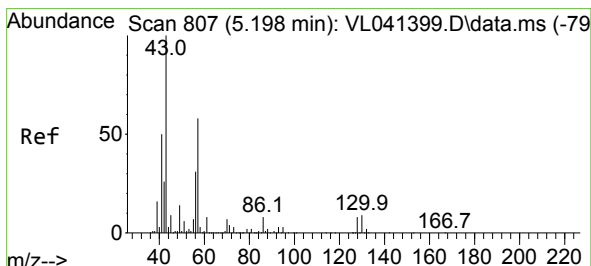
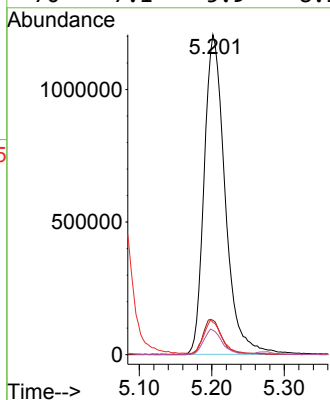
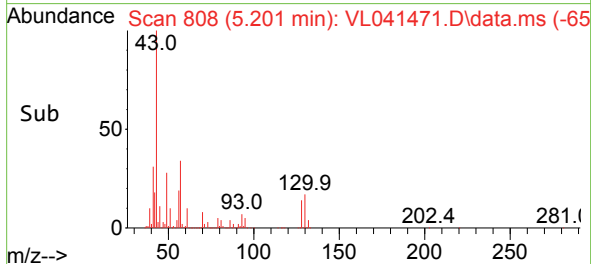


Tgt Ion: 43 Resp: 241468

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.5	12.7
61	10.3	8.0	12.0
70	7.1	5.9	8.9

Manual Integrations
APPROVED

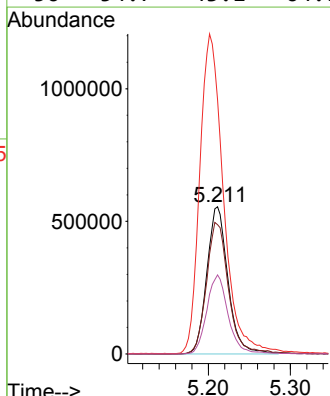
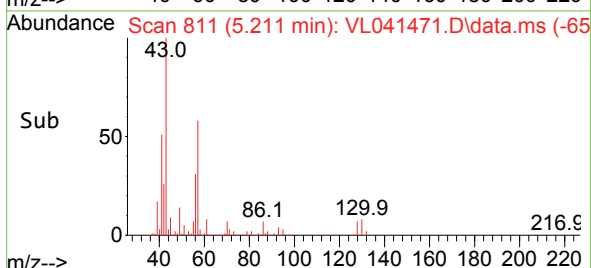
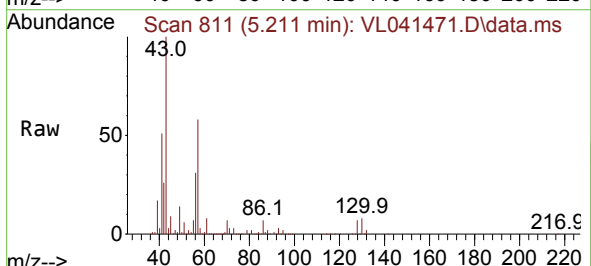
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

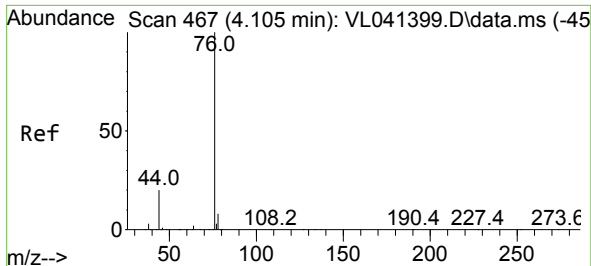


#26
Hexane
Concen: 10.896 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

Tgt Ion: 57 Resp: 995901

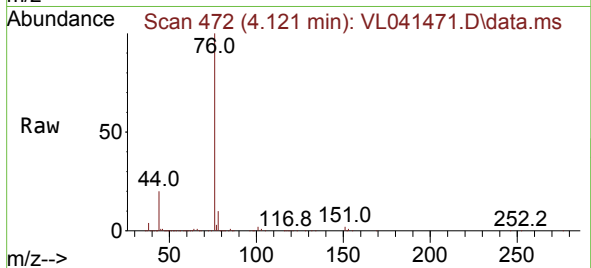
Ion	Ratio	Lower	Upper
57	100		
41	94.0	74.0	111.0
43	244.6	193.6	290.4
56	54.7	43.1	64.7





#27
Carbon Disulfide
Concen: 10.879 ppbv
RT: 4.121 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

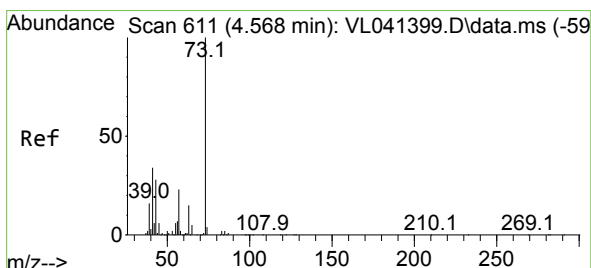
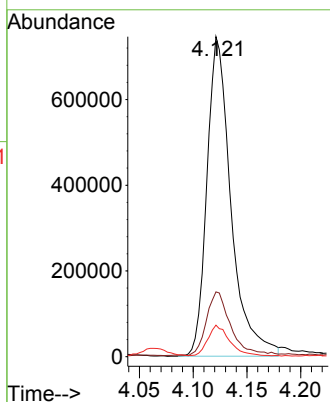
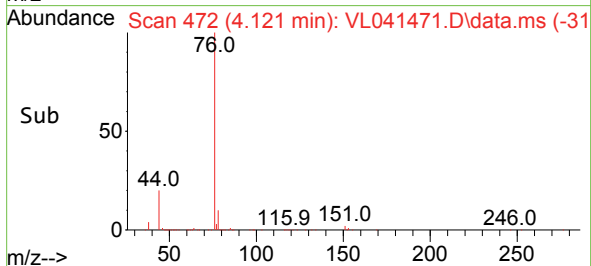
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



Tgt Ion: 76 Resp: 1163264
Ion Ratio Lower Upper
76 100
44 21.2 15.6 23.4
78 9.7 7.7 11.5

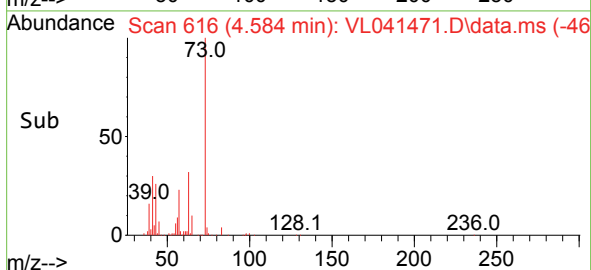
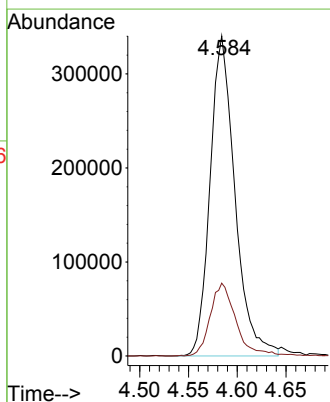
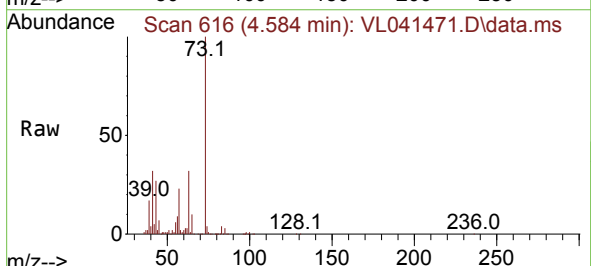
Manual Integrations
APPROVED

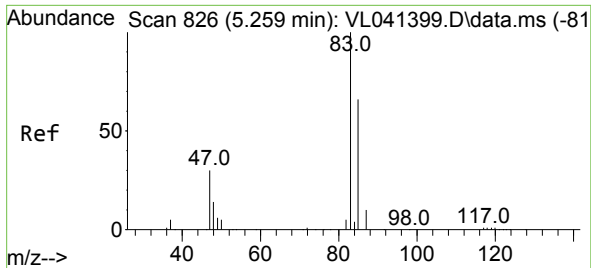
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#28
Methyl tert-Butyl Ether
Concen: 10.498 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.003 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

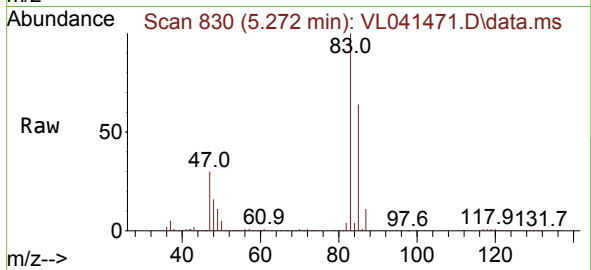
Tgt Ion: 73 Resp: 605123
Ion Ratio Lower Upper
73 100
57 23.9 18.9 28.3





#29
Chloroform
Concen: 10.649 ppbv
RT: 5.272 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

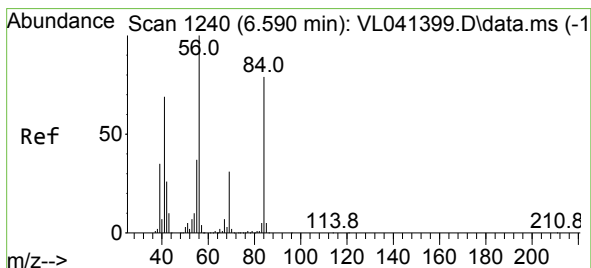
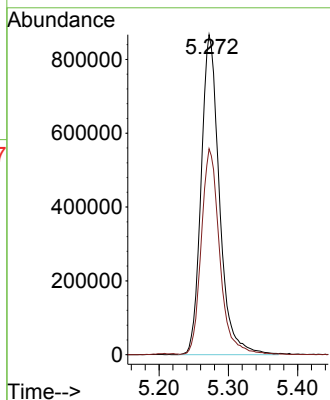
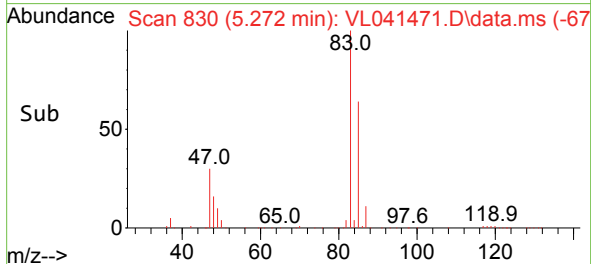
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



Tgt Ion: 83 Resp: 158752
Ion Ratio Lower Upper
83 100
85 64.2 53.1 79.7

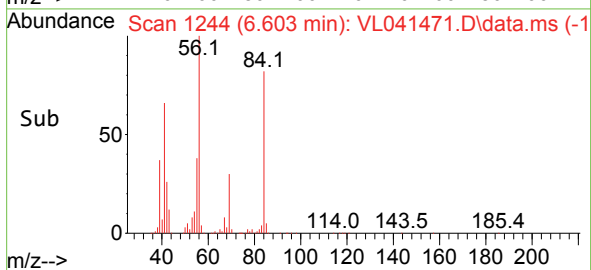
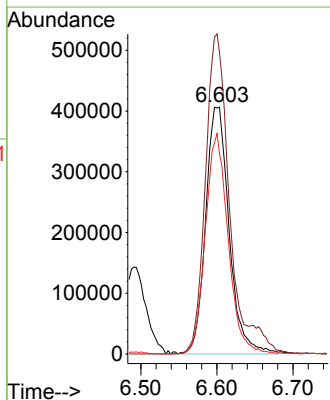
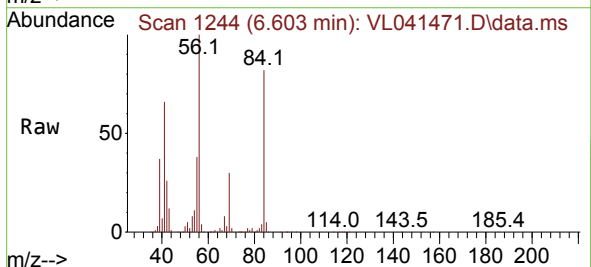
Manual Integrations
APPROVED

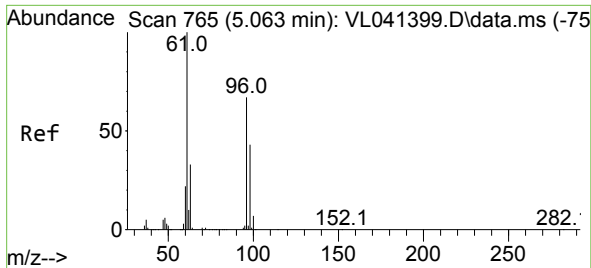
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#30
Cyclohexane
Concen: 11.741 ppbv
RT: 6.603 min Scan# 1244
Delta R.T. 0.006 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

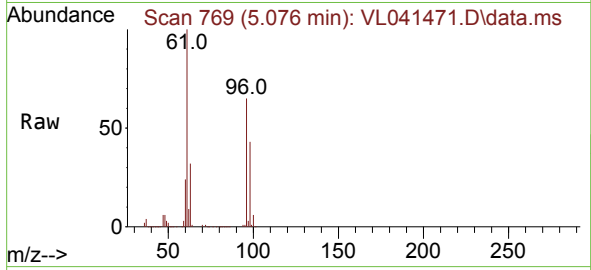
Tgt Ion: 84 Resp: 873879
Ion Ratio Lower Upper
84 100
56 134.1 111.2 166.8
41 86.2 70.3 105.5





#31
cis-1,2-Dichloroethene
Concen: 10.862 ppbv
RT: 5.076 min Scan# 765
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

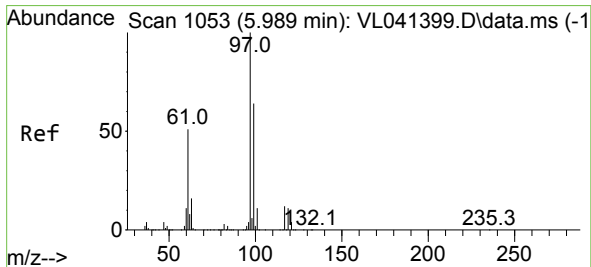
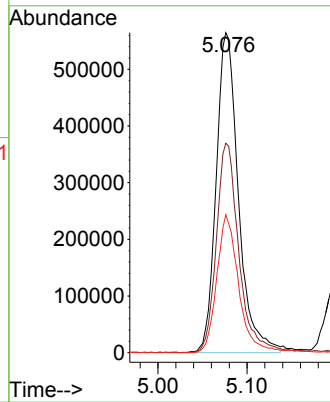
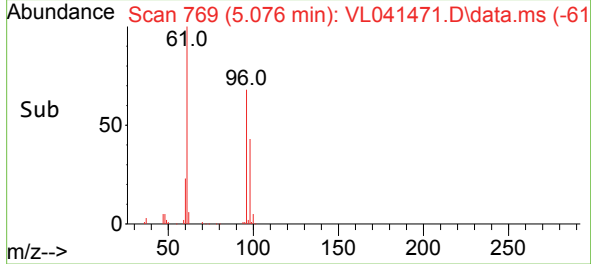
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



Tgt Ion: 61 Resp: 98079
Ion Ratio Lower Upper
61 100
96 65.4 53.4 80.2
98 43.1 34.4 51.6

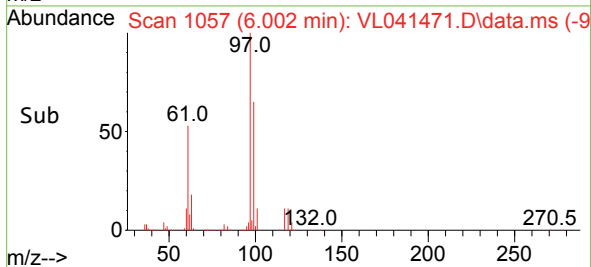
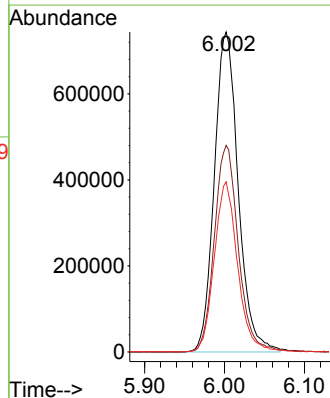
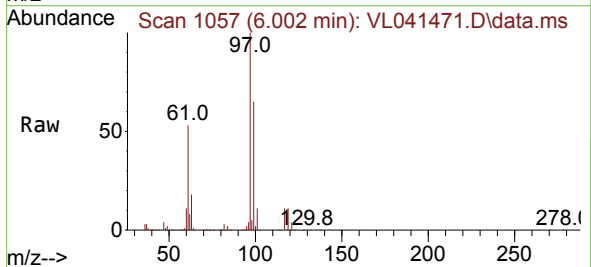
Manual Integrations
APPROVED

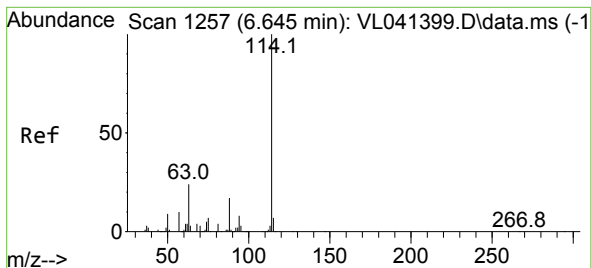
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#32
1,1,1-Trichloroethane
Concen: 10.635 ppbv
RT: 6.002 min Scan# 1057
Delta R.T. 0.003 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

Tgt Ion: 97 Resp: 1543296
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 52.3 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VL041471.D

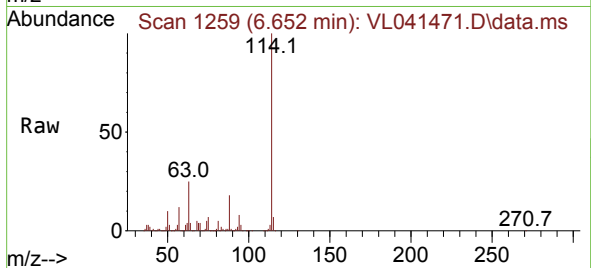
Acq: 1 Aug 2024 9:58

Instrument :

MSVOA_L

ClientSampleId :

VL0801ABS01



Tgt Ion:114 Resp: 266023

Ion Ratio Lower Upper

114 100

63 25.4 20.3 30.5

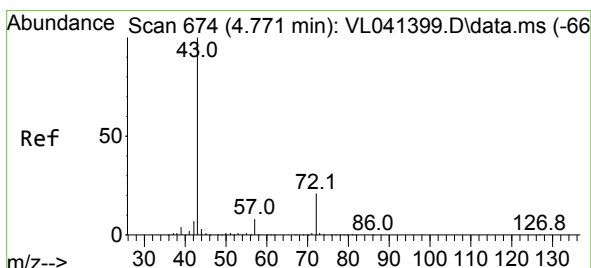
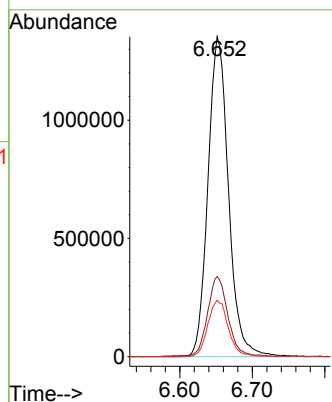
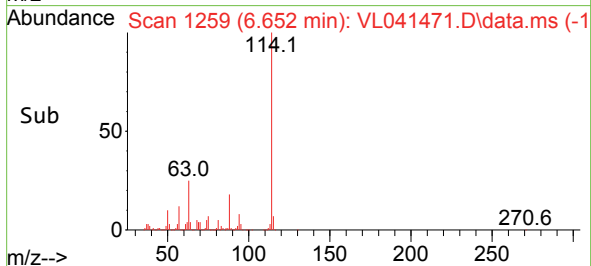
88 17.7 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#34

2-Butanone

Concen: 11.136 ppbv

RT: 4.783 min Scan# 678

Delta R.T. -0.000 min

Lab File: VL041471.D

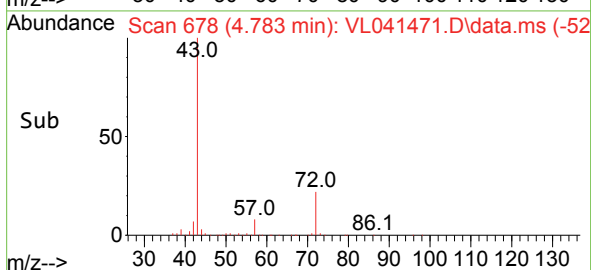
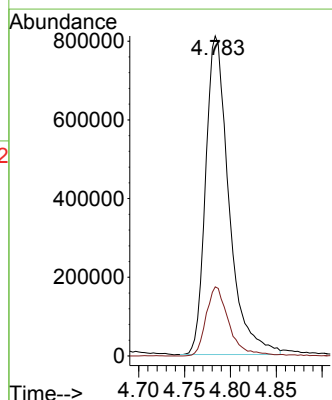
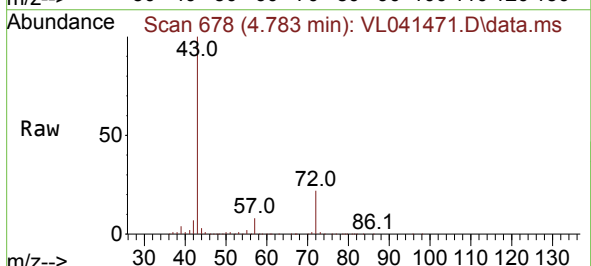
Acq: 1 Aug 2024 9:58

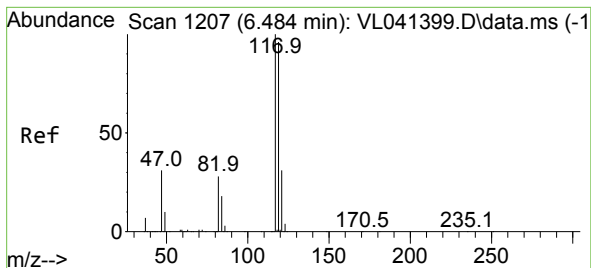
Tgt Ion: 43 Resp: 1433071

Ion Ratio Lower Upper

43 100

72 21.8 17.3 25.9





#35

Carbon Tetrachloride

Concen: 11.088 ppbv

RT: 6.491 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VL041471.D

Acq: 1 Aug 2024 9:58

Instrument :

MSVOA_L

ClientSampleId :

VL0801ABS01

Tgt Ion:117 Resp: 162691

Ion Ratio Lower Upper

117 100

119 95.7 76.6 115.0

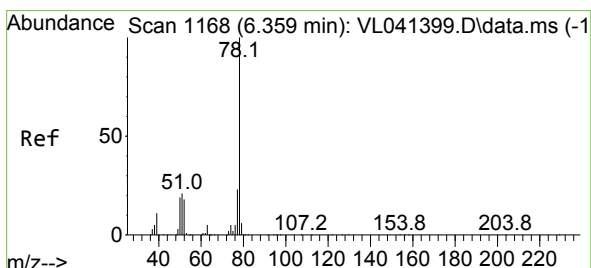
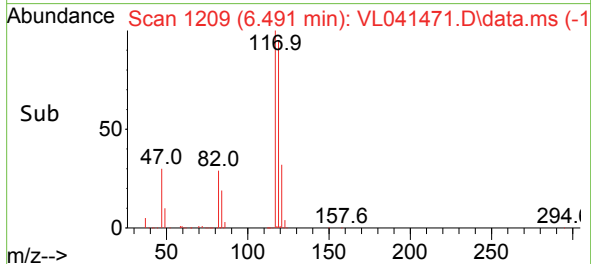
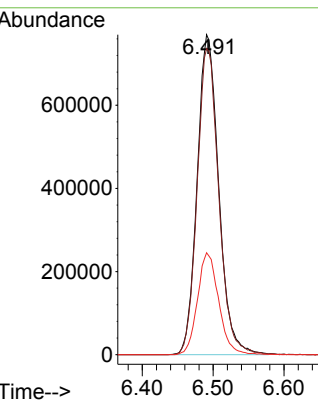
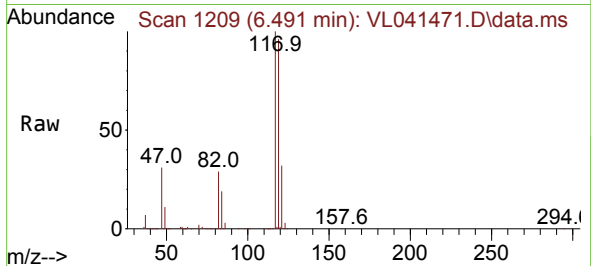
121 31.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#36

Benzene

Concen: 11.007 ppbv

RT: 6.369 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VL041471.D

Acq: 1 Aug 2024 9:58

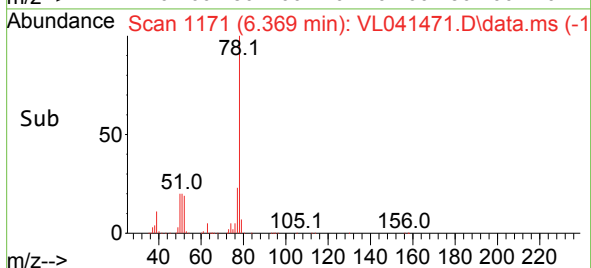
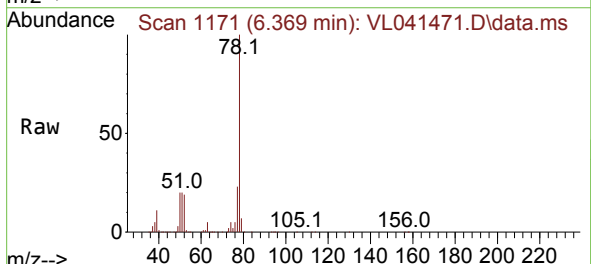
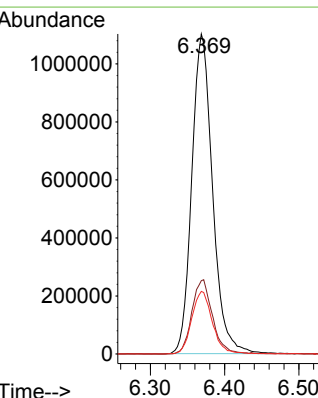
Tgt Ion: 78 Resp: 2139510

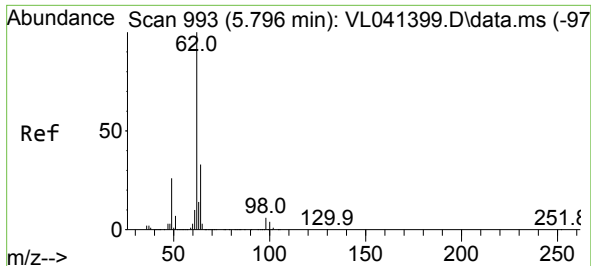
Ion Ratio Lower Upper

78 100

77 22.9 18.1 27.1

50 19.5 15.5 23.3





#37

1,2-Dichloroethane

Concen: 11.218 ppbv

RT: 5.806 min Scan# 993

Delta R.T. -0.000 min

Lab File: VL041471.D

Acq: 1 Aug 2024 9:58

Instrument :

MSVOA_L

ClientSampleId :

VL0801ABS01

Tgt Ion: 62 Resp: 122044

Ion Ratio Lower Upper

62 100

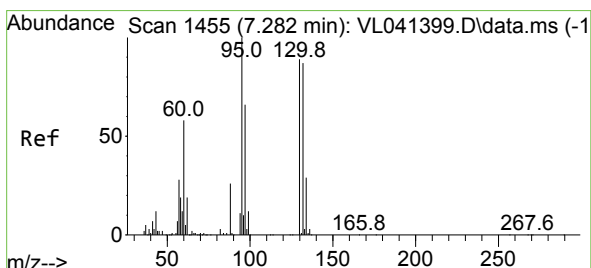
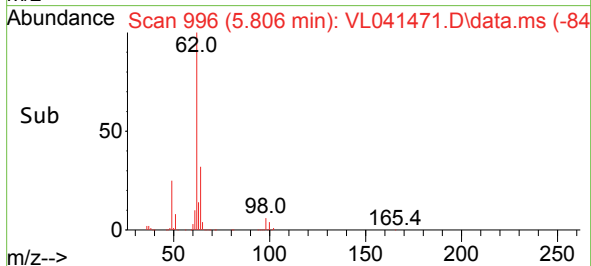
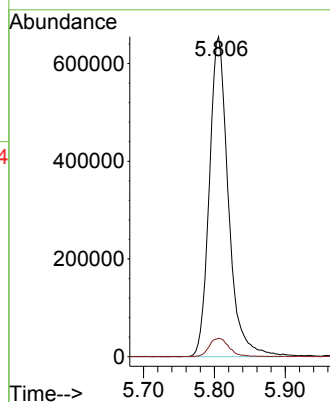
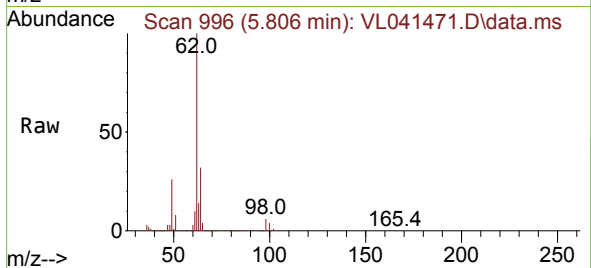
98 6.2 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#38

Trichloroethene

Concen: 11.183 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.003 min

Lab File: VL041471.D

Acq: 1 Aug 2024 9:58

Tgt Ion:130 Resp: 995894

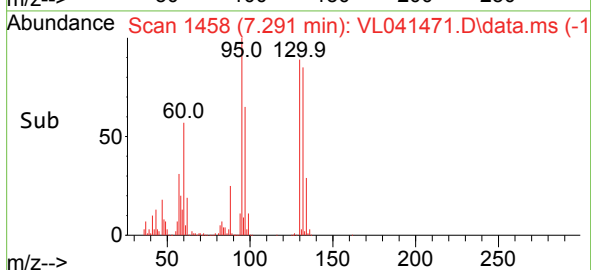
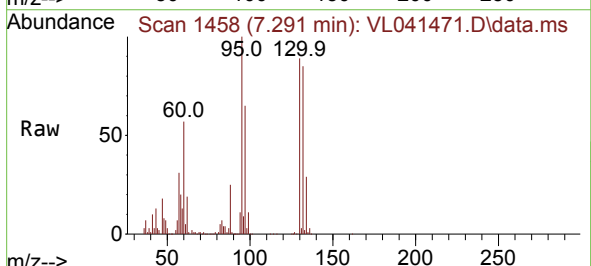
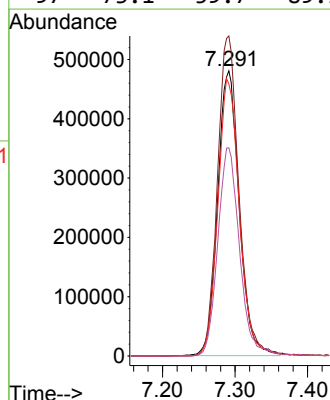
Ion Ratio Lower Upper

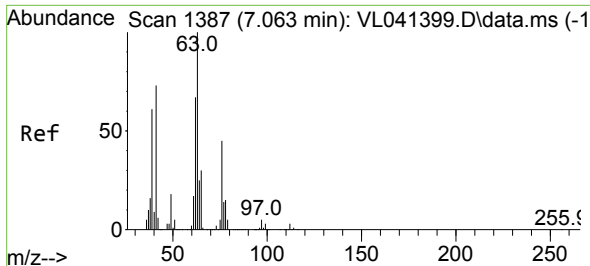
130 100

95 112.3 90.2 135.2

132 95.5 78.1 117.1

97 73.1 59.7 89.5





#39

1,2-Dichloropropane

Concen: 11.026 ppbv

RT: 7.073 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041471.D

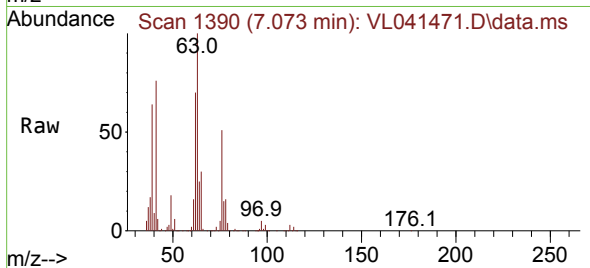
Acq: 1 Aug 2024 9:58

Instrument :

MSVOA_L

ClientSampleId :

VL0801ABS01

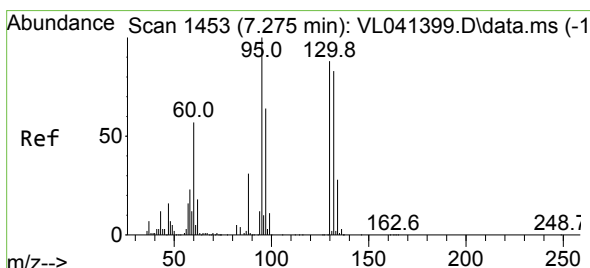
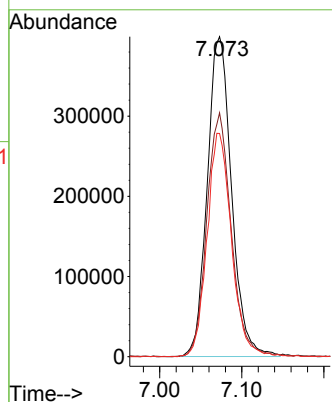
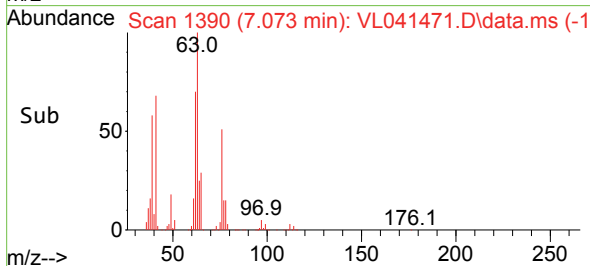


Tgt Ion:	63	Resp:	820518
Ion Ratio	Lower	Upper	
63	100		
41	76.0	58.3	87.5
62	69.6	53.9	80.9

Manual Integrations

APPROVED

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



#40

1,4-Dioxane

Concen: 12.081 ppbv

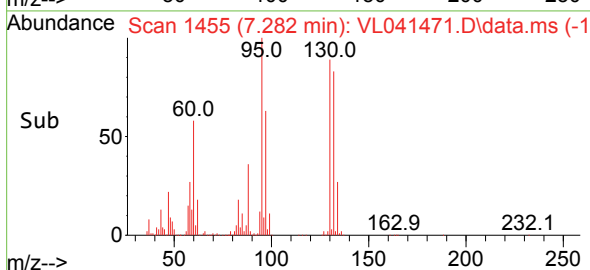
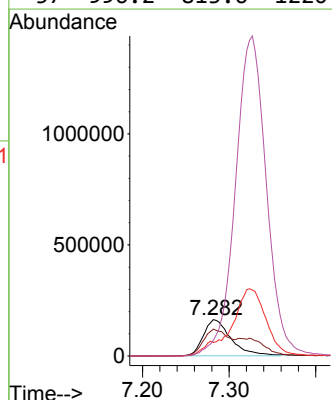
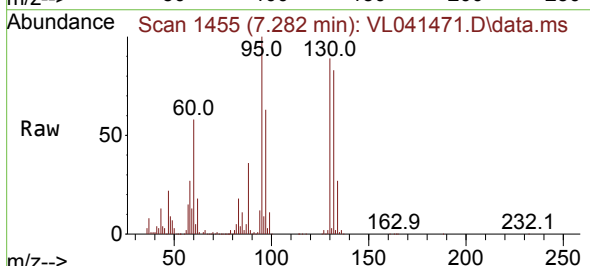
RT: 7.282 min Scan# 1455

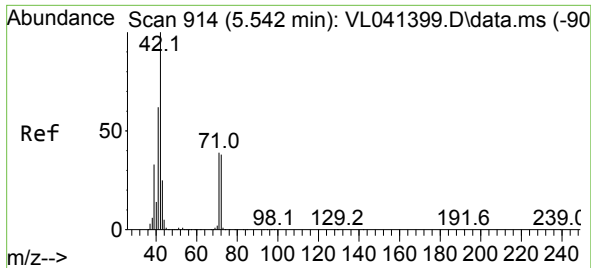
Delta R.T. 0.003 min

Lab File: VL041471.D

Acq: 1 Aug 2024 9:58

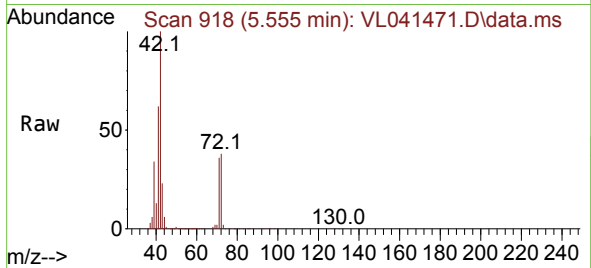
Tgt Ion:	88	Resp:	361174
Ion Ratio	Lower	Upper	
88	100		
58	118.8	95.8	143.6
43	236.8	188.2	282.2
57	996.2	813.6	1220.4





#41
Tetrahydrofuran
Concen: 11.678 ppbv
RT: 5.555 min Scan# 914
Delta R.T. 0.003 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

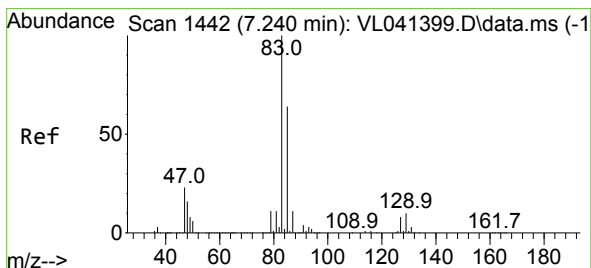
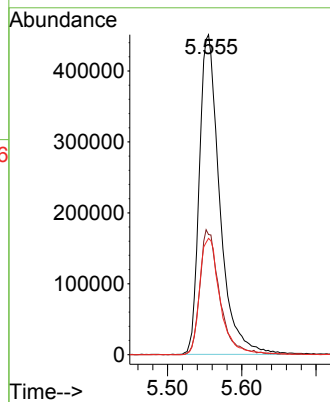
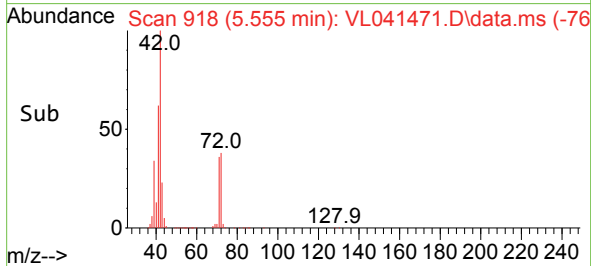
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



Tgt Ion: 42 Resp: 859495
Ion Ratio Lower Upper
42 100
72 38.3 31.2 46.8
71 37.0 30.5 45.7

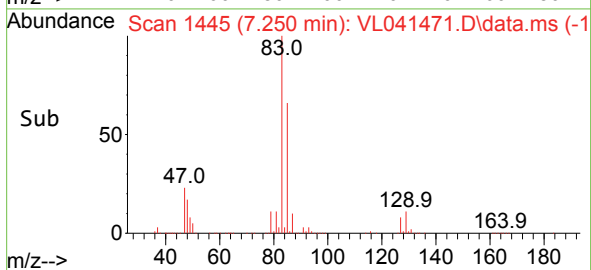
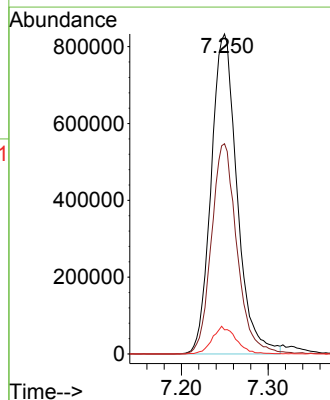
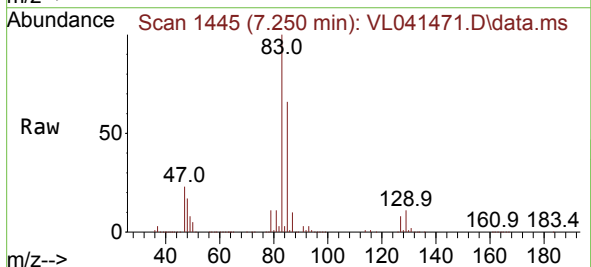
Manual Integrations
APPROVED

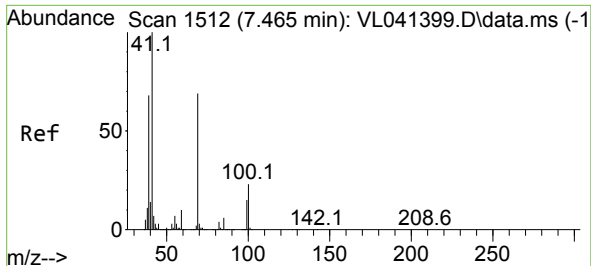
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#42
Bromodichloromethane
Concen: 11.019 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

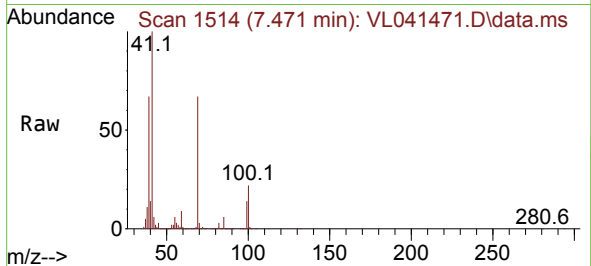
Tgt Ion: 83 Resp: 1731081
Ion Ratio Lower Upper
83 100
85 65.6 51.4 77.0
127 7.6 6.7 10.1





#43
Methyl Methacrylate
Concen: 12.305 ppbv
RT: 7.471 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

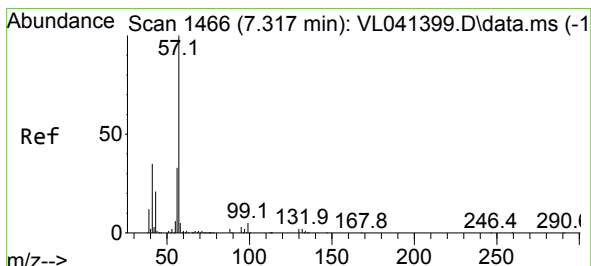
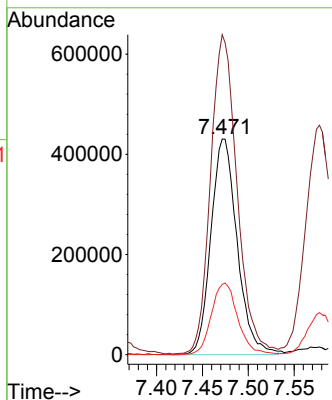
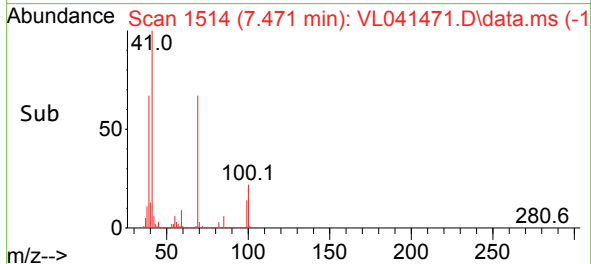
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



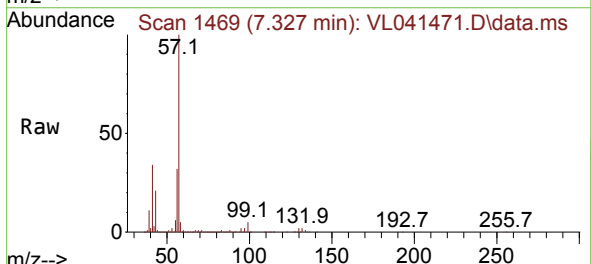
Tgt Ion: 69 Resp: 857698
Ion Ratio Lower Upper
69 100
41 150.3 118.7 178.1
100 33.5 27.0 40.4

Manual Integrations
APPROVED

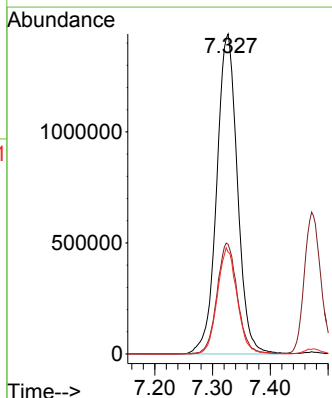
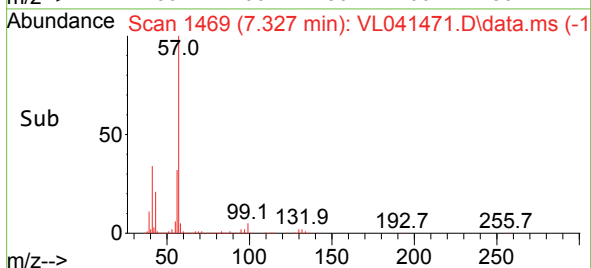
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

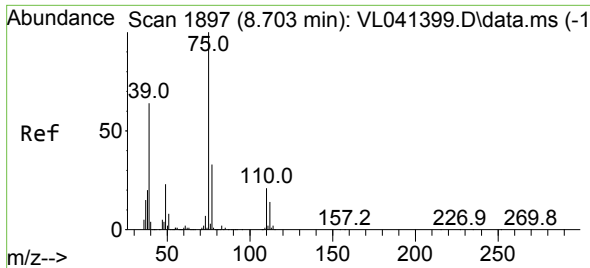


#44
2,2,4-Trimethylpentane
Concen: 11.068 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.003 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58



Tgt Ion: 57 Resp: 3593291
Ion Ratio Lower Upper
57 100
41 34.2 27.0 40.6
56 31.7 25.2 37.8





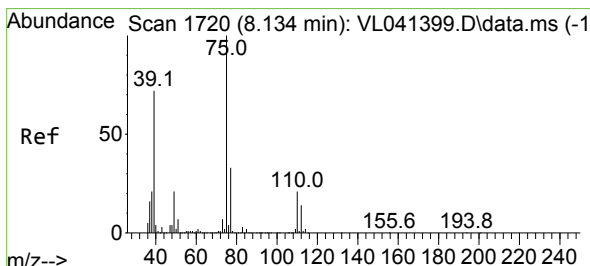
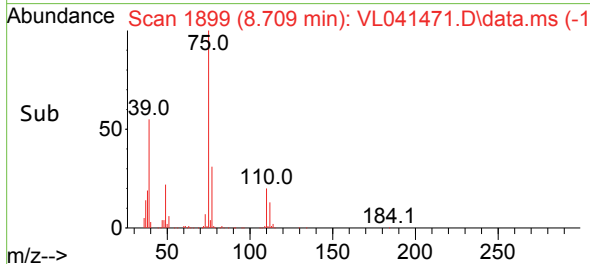
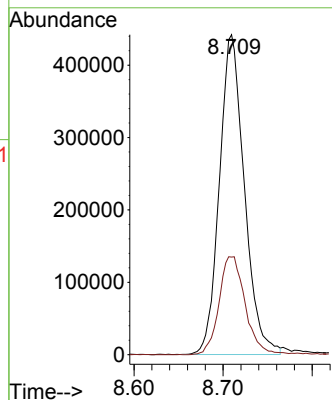
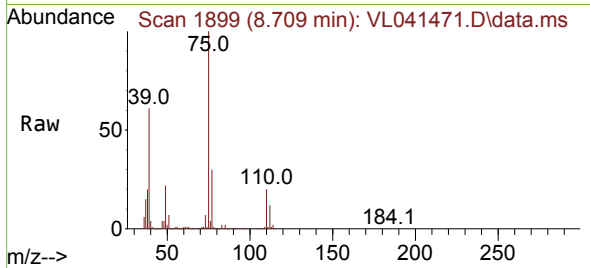
#45
 t-1,3-Dichloropropene
 Concen: 13.406 ppbv
 RT: 8.709 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VL041471.D
 Acq: 1 Aug 2024 9:58

Instrument : MSVOA_L
 ClientSampleId : VL0801ABS01

Tgt Ion: 75 Resp: 860115
 Ion Ratio Lower Upper
 75 100
 77 30.5 26.5 39.7

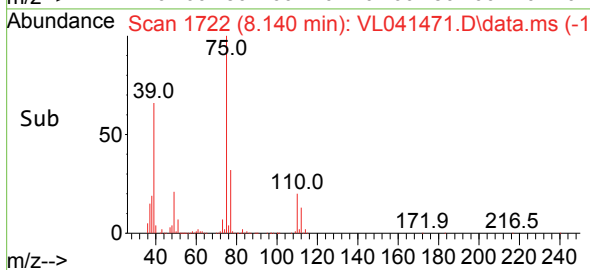
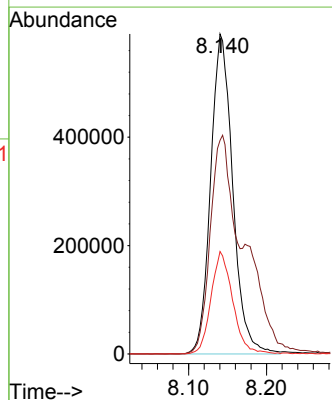
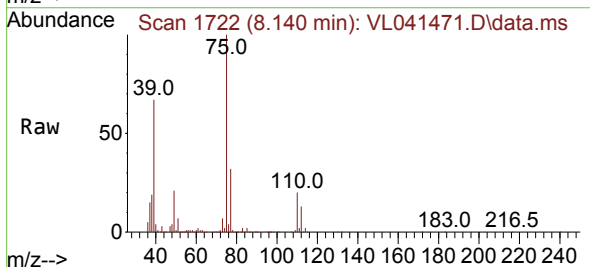
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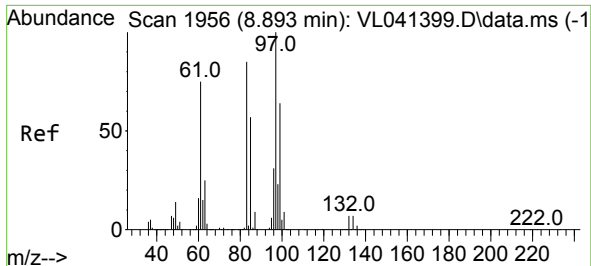
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#46
 cis-1,3-Dichloropropene
 Concen: 12.534 ppbv
 RT: 8.140 min Scan# 1722
 Delta R.T. -0.000 min
 Lab File: VL041471.D
 Acq: 1 Aug 2024 9:58

Tgt Ion: 75 Resp: 1161186
 Ion Ratio Lower Upper
 75 100
 39 66.7 57.3 85.9
 77 32.0 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 11.005 ppbv

RT: 8.899 min Scan# 1956

Delta R.T. 0.003 min

Lab File: VL041471.D

Acq: 1 Aug 2024 9:58

Instrument :

MSVOA_L

ClientSampleId :

VL0801ABS01

Tgt Ion: 97 Resp: 902744

Ion Ratio Lower Upper

97 100

83 91.7 67.6 101.4

85 59.3 45.9 68.9

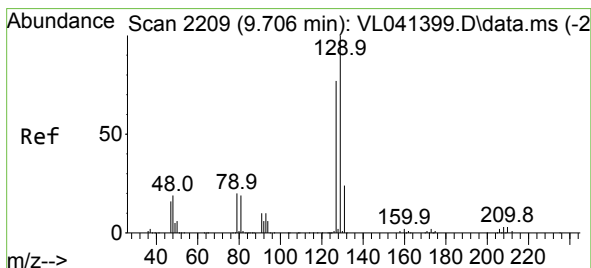
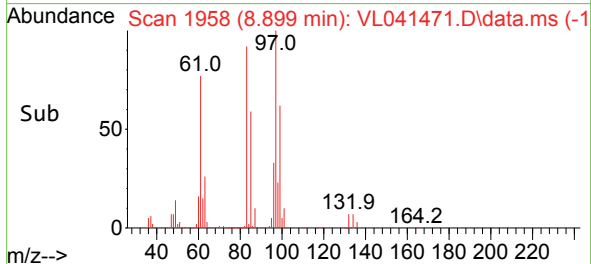
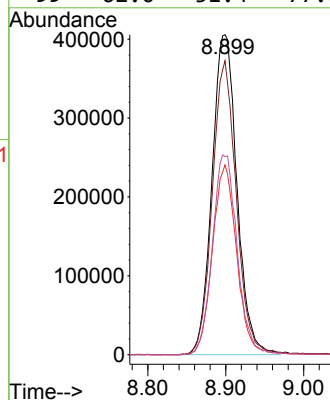
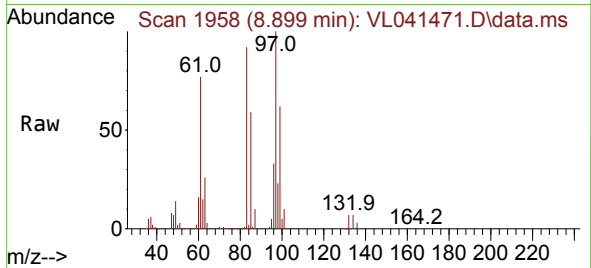
99 62.0 51.4 77.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#48

Dibromochloromethane

Concen: 11.355 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VL041471.D

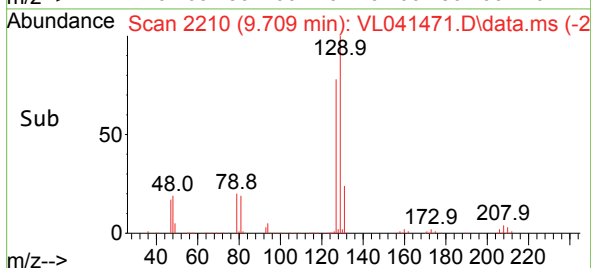
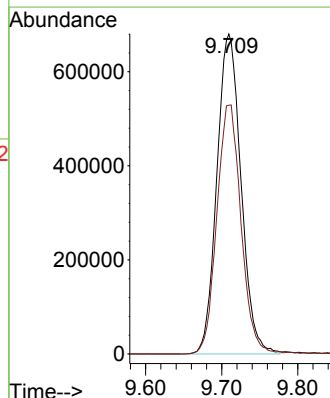
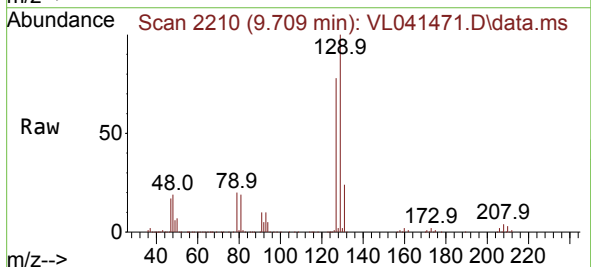
Acq: 1 Aug 2024 9:58

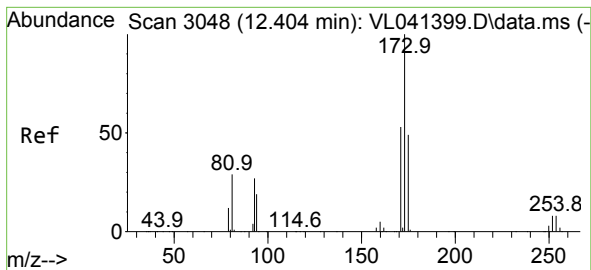
Tgt Ion:129 Resp: 1500596

Ion Ratio Lower Upper

129 100

127 78.3 39.3 117.8





#49

Bromoform

Concen: 11.720 ppbv

RT: 12.404 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VL041471.D

Acq: 1 Aug 2024 9:58

Instrument :

MSVOA_L

ClientSampleId :

VL0801ABS01

Tgt Ion:173 Resp: 130827

Ion Ratio Lower Upper

173 100

175 50.6 39.9 59.9

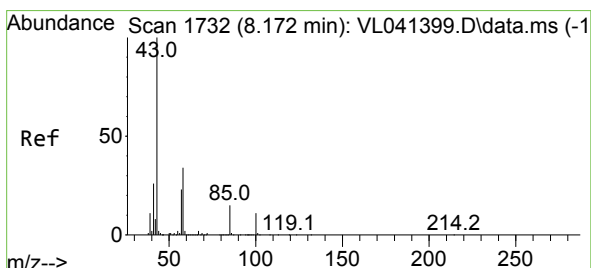
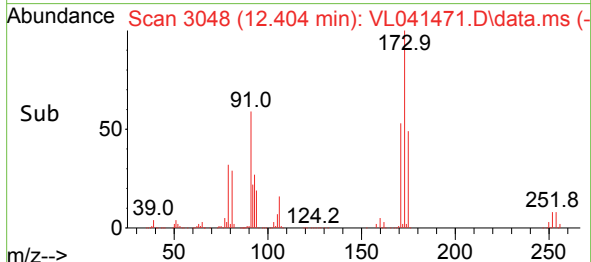
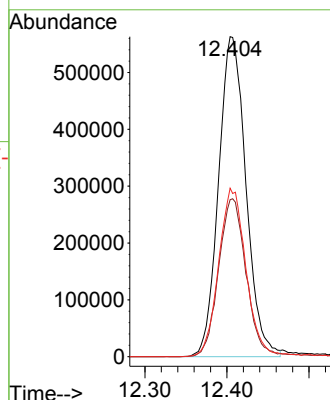
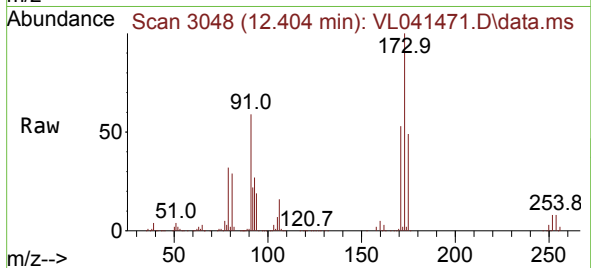
171 53.0 41.7 62.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#50

4-Methyl-2-Pentanone

Concen: 11.824 ppbv

RT: 8.179 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VL041471.D

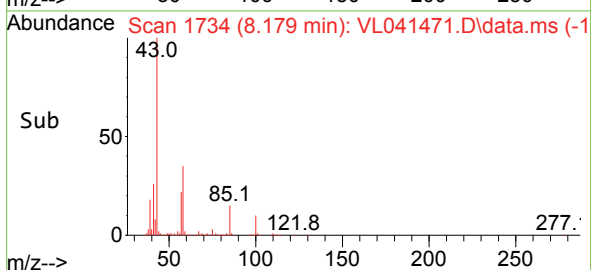
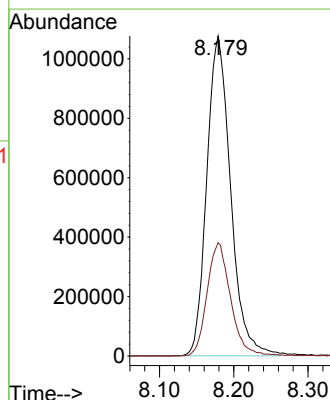
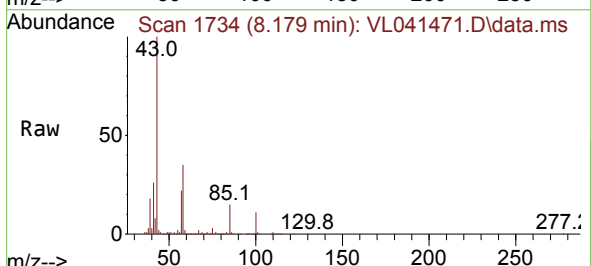
Acq: 1 Aug 2024 9:58

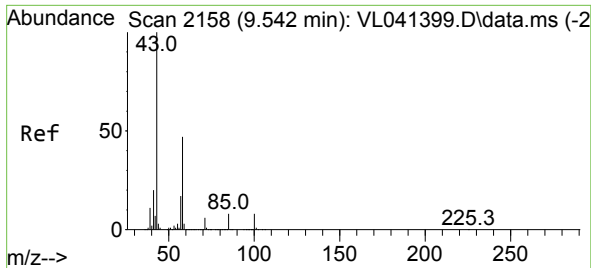
Tgt Ion: 43 Resp: 2400544

Ion Ratio Lower Upper

43 100

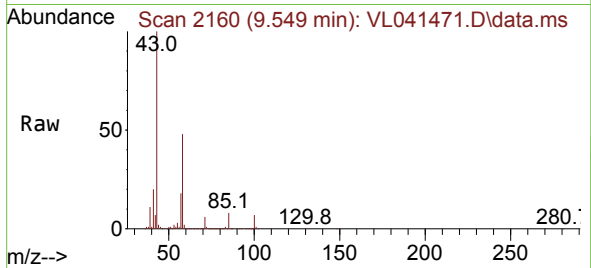
58 35.0 27.9 41.9





#51
2-Hexanone
Concen: 12.686 ppbv
RT: 9.549 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

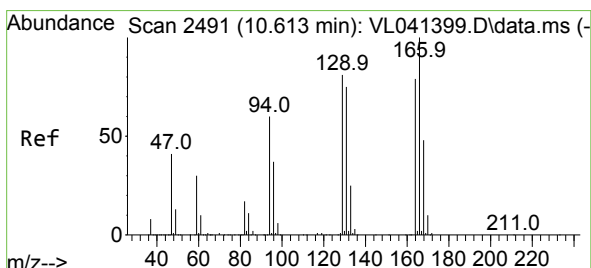
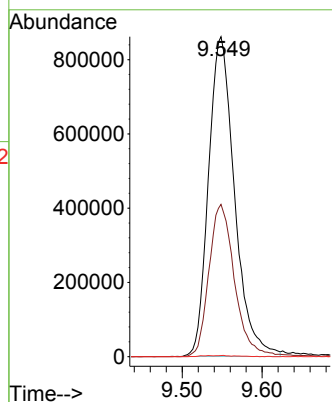
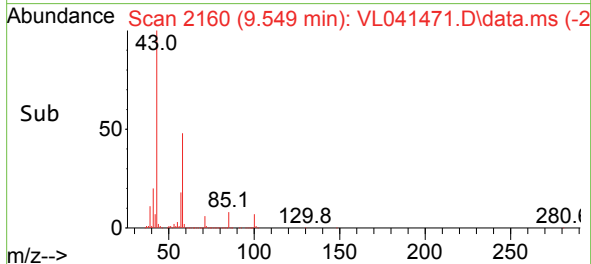
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



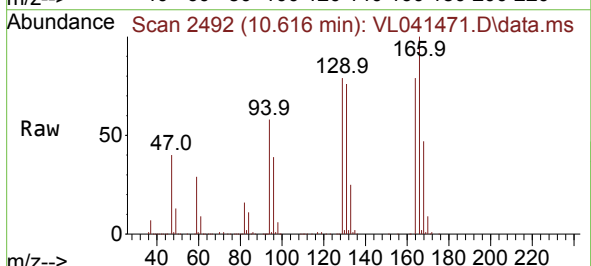
Tgt Ion: 43 Resp: 194763
Ion Ratio Lower Upper
43 100
58 47.4 38.2 57.2
98 0.5 0.3 0.5

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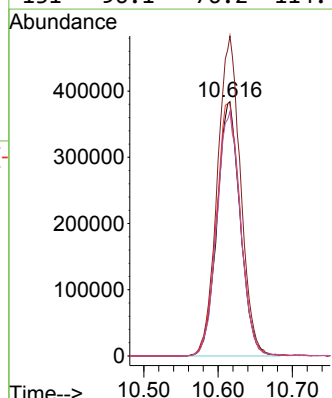
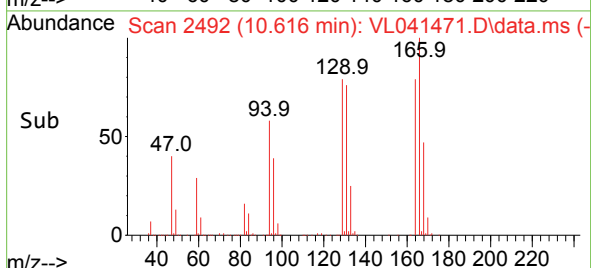
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

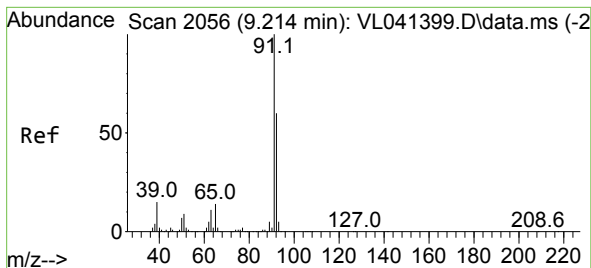


#52
Tetrachloroethene
Concen: 11.056 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.003 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58



Tgt Ion:164 Resp: 830394
Ion Ratio Lower Upper
164 100
166 125.9 101.1 151.7
129 99.2 81.7 122.5
131 96.1 76.2 114.4





#53

Toluene

Concen: 11.691 ppbv

RT: 9.221 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VL041471.D

Acq: 1 Aug 2024 9:58

Instrument :

MSVOA_L

ClientSampleId :

VL0801ABS01

Tgt Ion: 91 Resp: 2531340

Ion Ratio Lower Upper

91 100

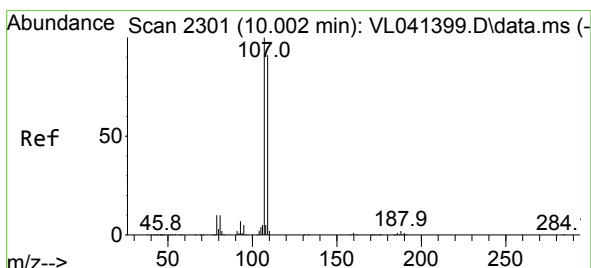
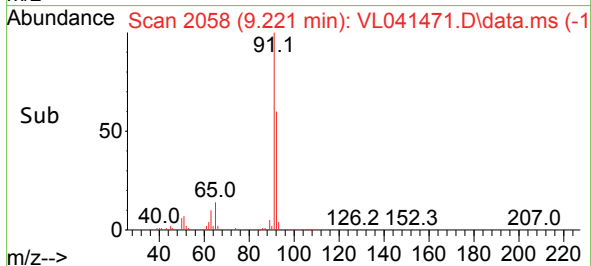
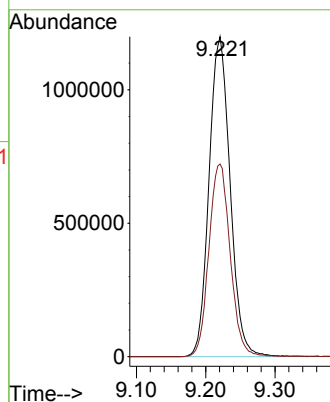
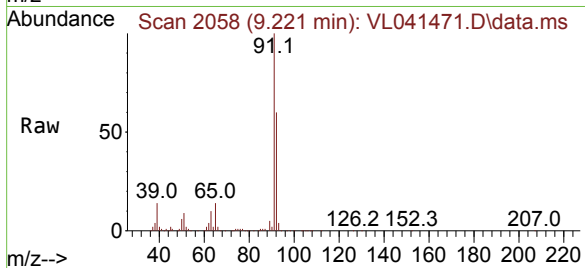
92 60.9 48.7 73.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#54

1,2-Dibromoethane

Concen: 11.847 ppbv

RT: 10.008 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VL041471.D

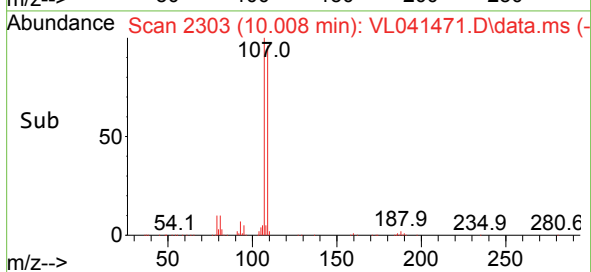
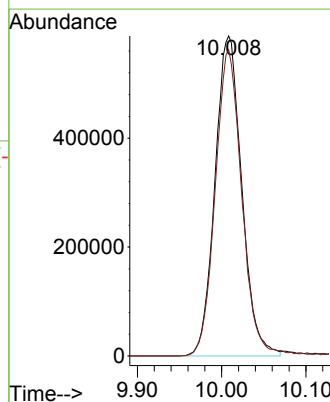
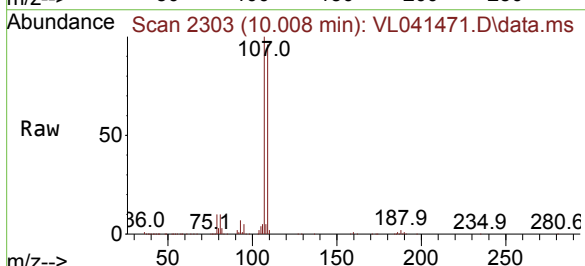
Acq: 1 Aug 2024 9:58

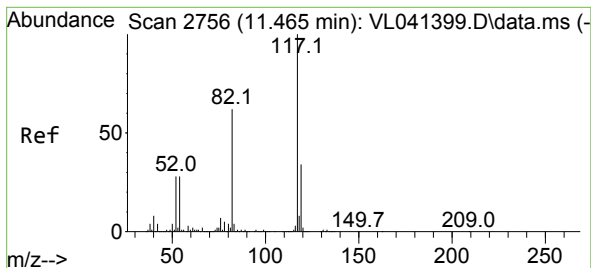
Tgt Ion:107 Resp: 1293556

Ion Ratio Lower Upper

107 100

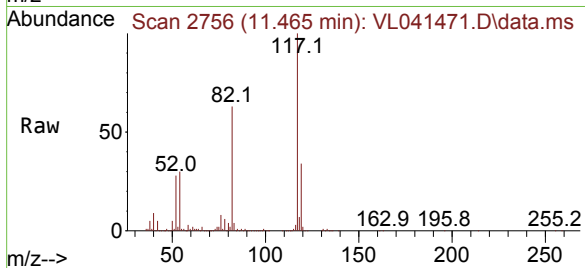
109 95.7 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

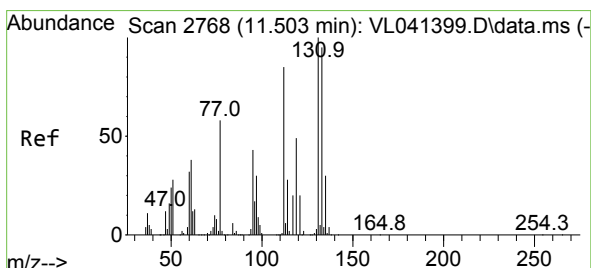
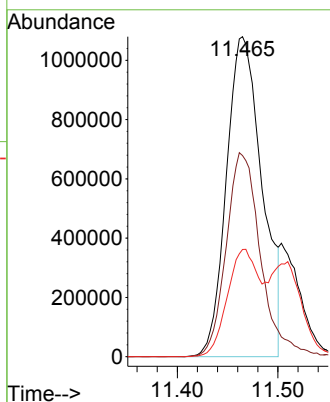
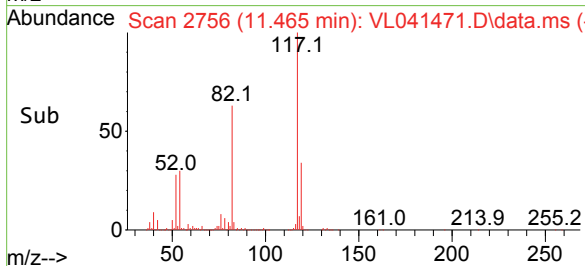
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



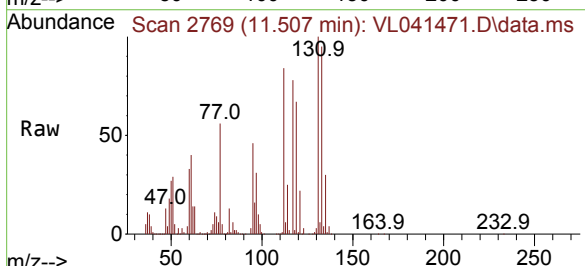
Tgt Ion:117 Resp: 266715
Ion Ratio Lower Upper
117 100
82 61.9 51.0 76.6
119 32.5 45.2 67.8

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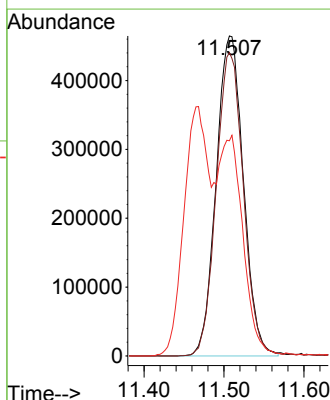
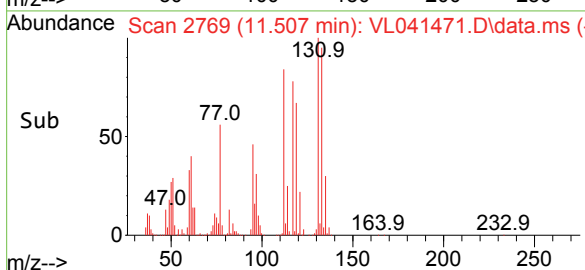
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

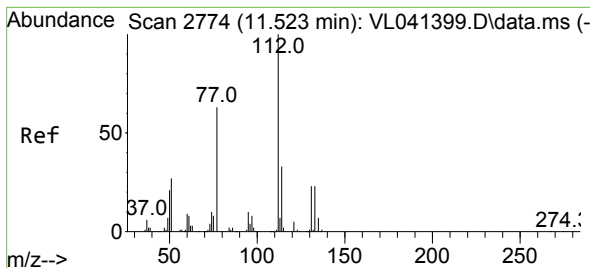


#56
1,1,1,2-Tetrachloroethane
Concen: 10.609 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.003 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58



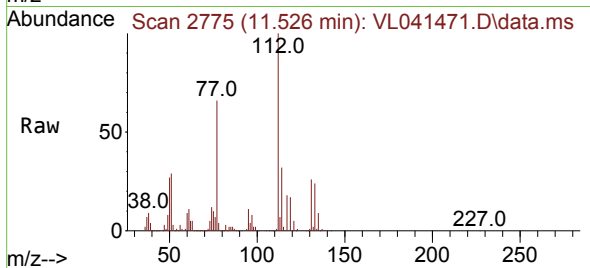
Tgt Ion:131 Resp: 1097354
Ion Ratio Lower Upper
131 100
133 95.0 77.0 115.4
119 63.3 121.5 182.3





#57
Chlorobenzene
Concen: 10.352 ppbv
RT: 11.526 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

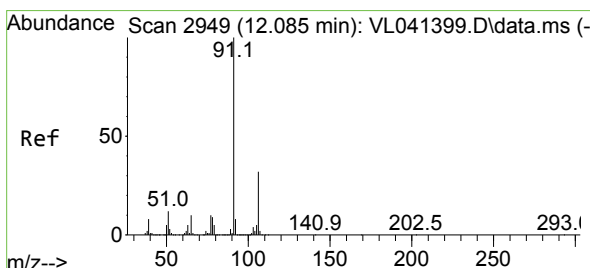
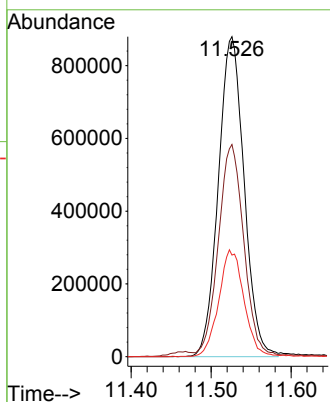
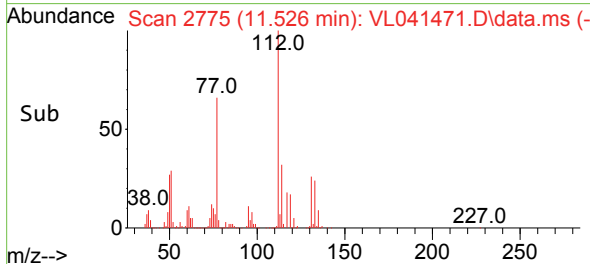
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



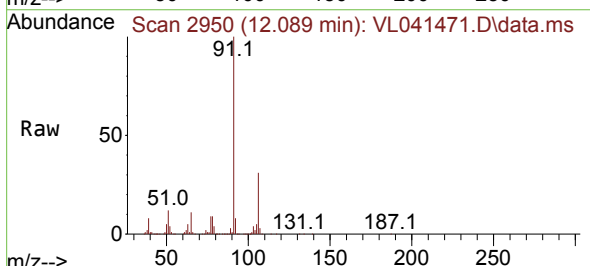
Tgt Ion:112 Resp: 196585
Ion Ratio Lower Upper
112 100
77 65.7 51.1 76.7
114 31.8 29.5 36.1

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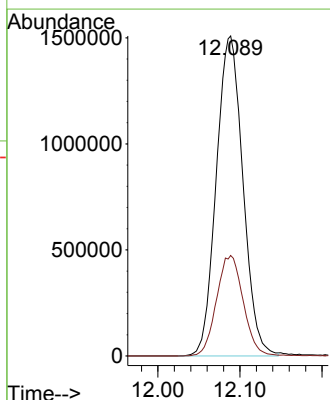
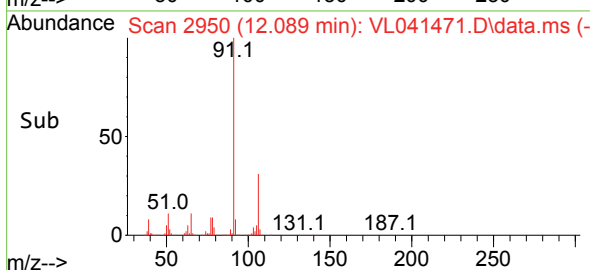
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

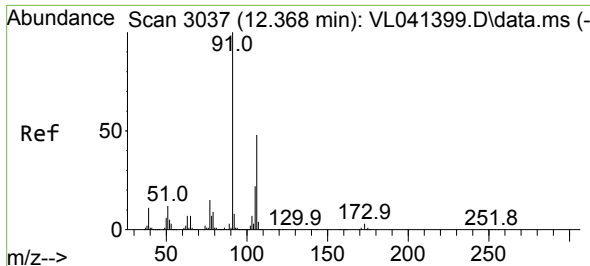


#58
Ethyl Benzene
Concen: 11.068 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58



Tgt Ion: 91 Resp: 3402414
Ion Ratio Lower Upper
91 100
106 31.4 25.8 38.8





#59

m/p-Xylene

Concen: 21.912 ppbv m

RT: 12.372 min Scan# 3037

Delta R.T. 0.003 min

Lab File: VL041471.D

Acq: 1 Aug 2024 9:58

Instrument :

MSVOA_L

ClientSampleId :

VL0801ABS01

Tgt Ion: 91 Resp: 581494

Ion Ratio Lower Upper

91 100

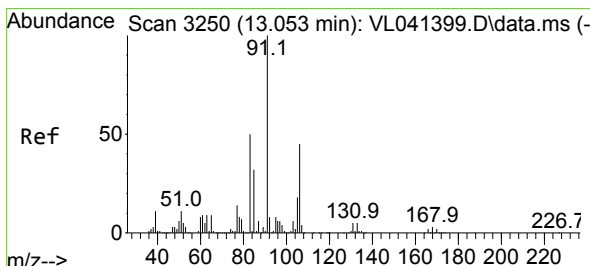
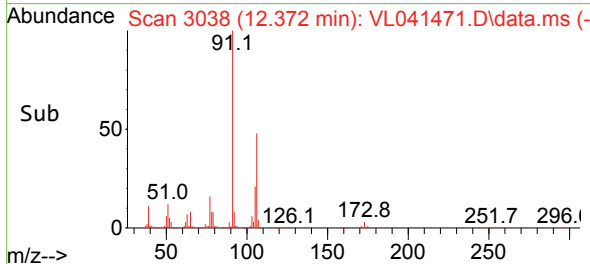
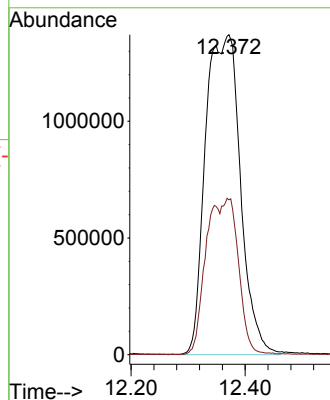
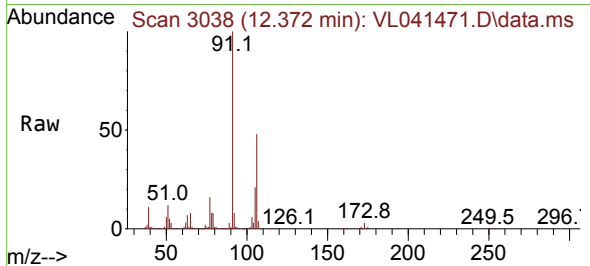
106 45.5 36.3 54.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#60

o-Xylene

Concen: 11.080 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. -0.000 min

Lab File: VL041471.D

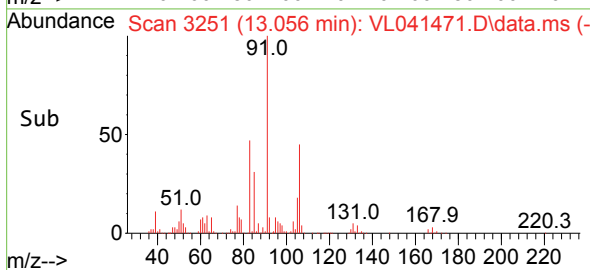
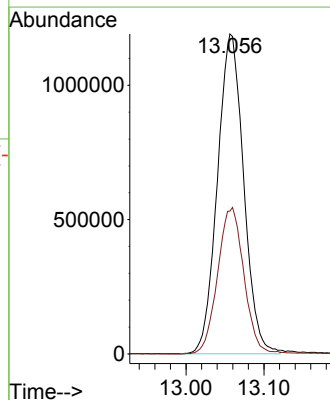
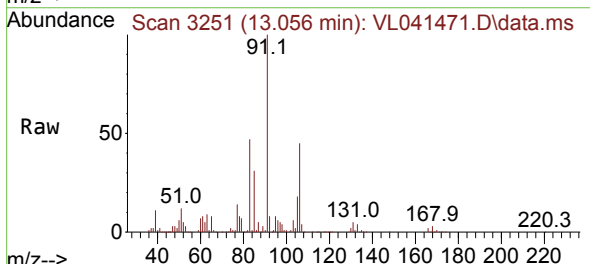
Acq: 1 Aug 2024 9:58

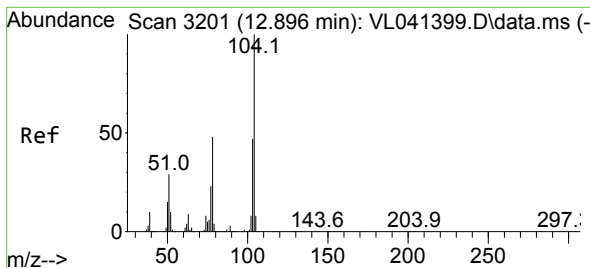
Tgt Ion: 91 Resp: 2781518

Ion Ratio Lower Upper

91 100

106 46.5 23.1 69.3





#61

Styrene

Concen: 12.238 ppbv

RT: 12.896 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL041471.D

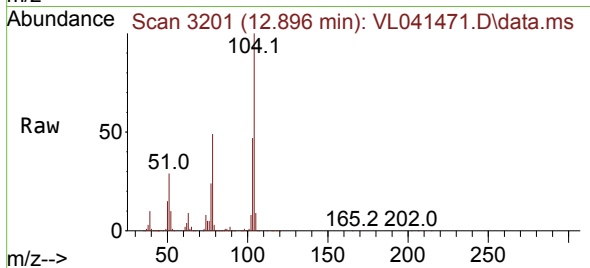
Acq: 1 Aug 2024 9:58

Instrument :

MSVOA_L

ClientSampleId :

VL0801ABS01



Tgt Ion:104 Resp: 138597

Ion Ratio Lower Upper

104 100

78 49.6 40.8 61.2

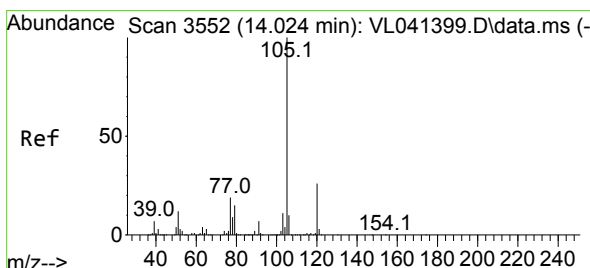
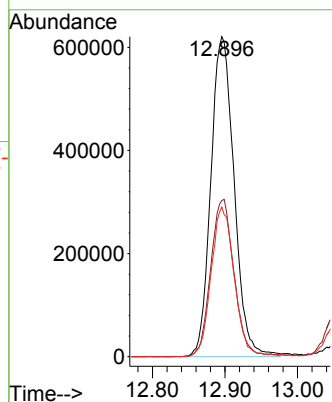
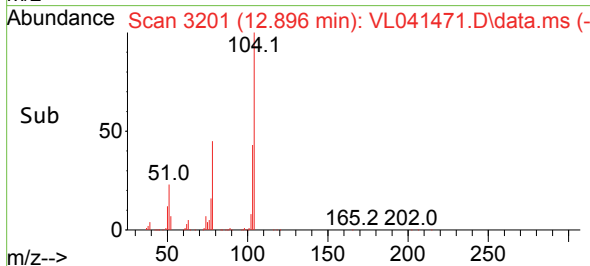
103 46.7 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#62

Isopropylbenzene

Concen: 10.601 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. -0.000 min

Lab File: VL041471.D

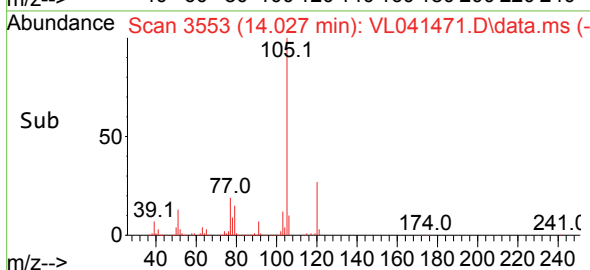
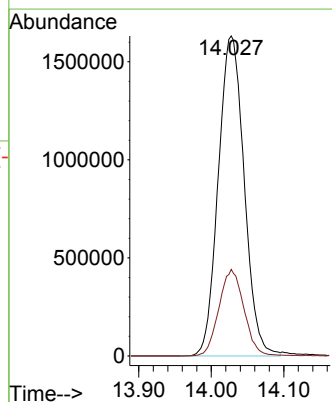
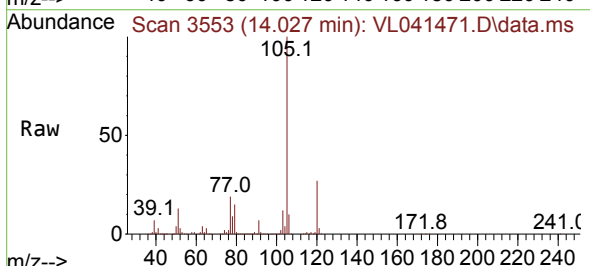
Acq: 1 Aug 2024 9:58

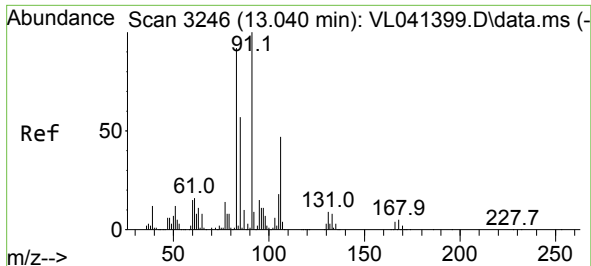
Tgt Ion:105 Resp: 4045584

Ion Ratio Lower Upper

105 100

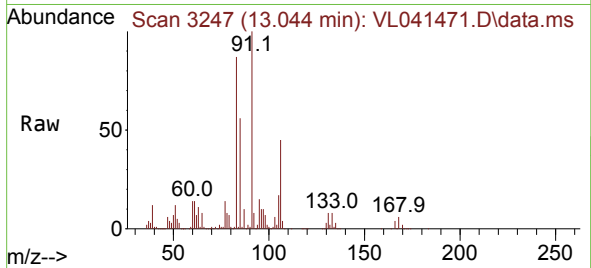
120 26.3 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 10.643 ppbv
RT: 13.044 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

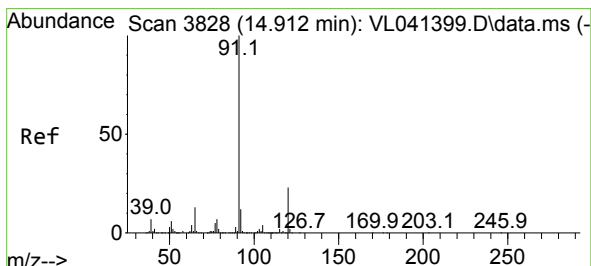
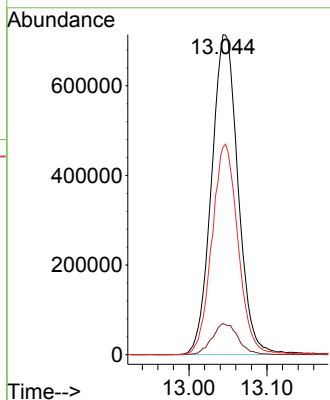
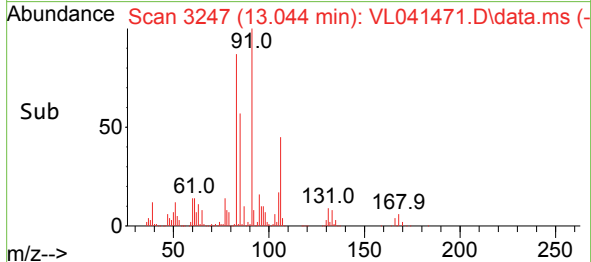
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



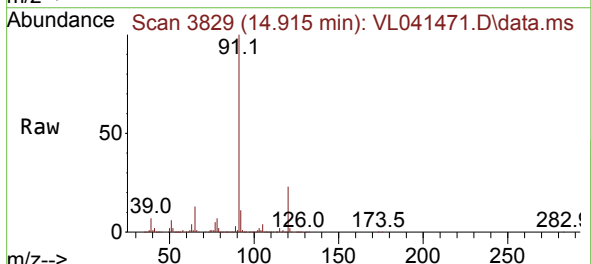
Tgt Ion: 83 Resp: 1687158
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.4
85 65.4 32.6 98.0

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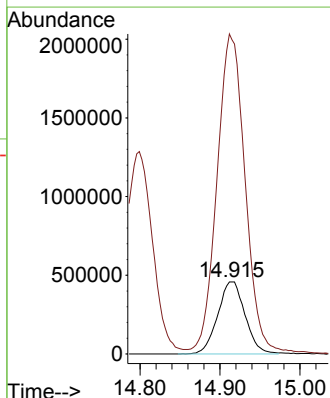
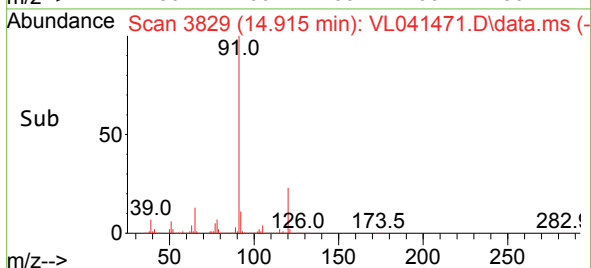
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

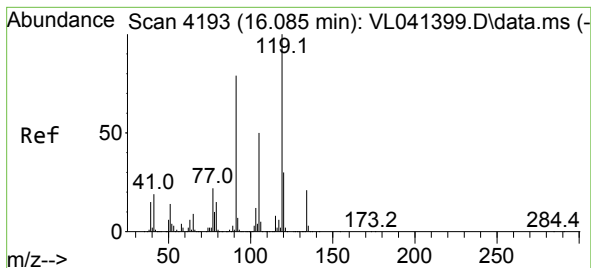


#64
n-propylbenzene
Concen: 10.913 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. 0.003 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58



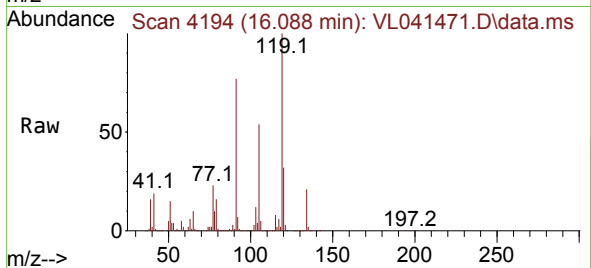
Tgt Ion:120 Resp: 1088859
Ion Ratio Lower Upper
120 100
91 460.2 361.4 542.0





#65
tert-Butylbenzene
Concen: 10.610 ppbv
RT: 16.088 min Scan# 4193
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

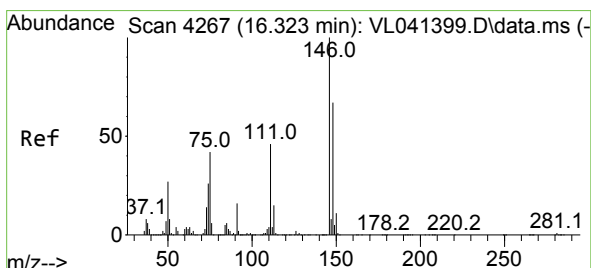
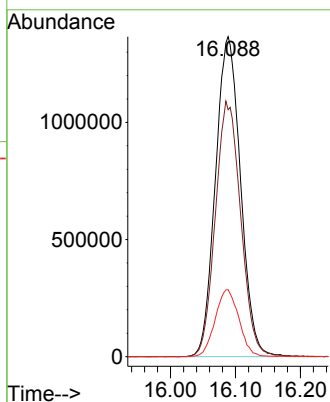
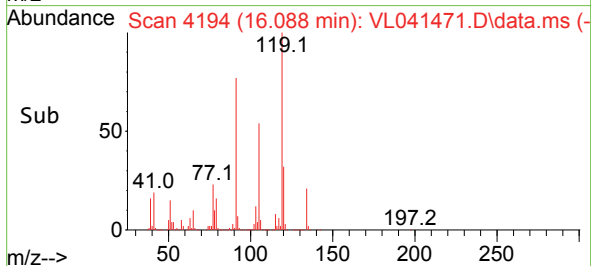
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



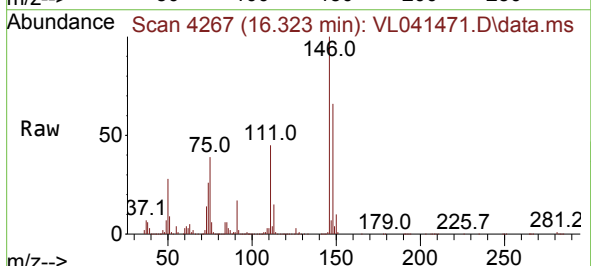
Tgt Ion: 119 Resp: 365739
Ion Ratio Lower Upper
119 100
91 80.7 64.2 96.2
134 20.0 15.7 23.5

Manual Integrations
APPROVED

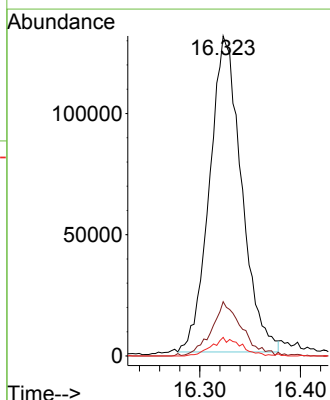
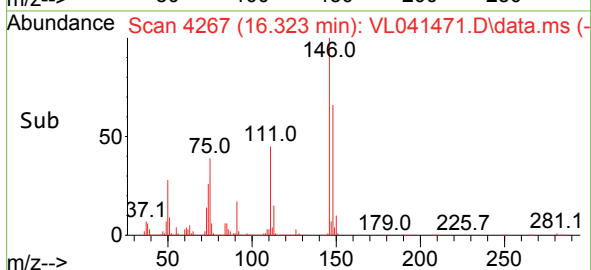
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

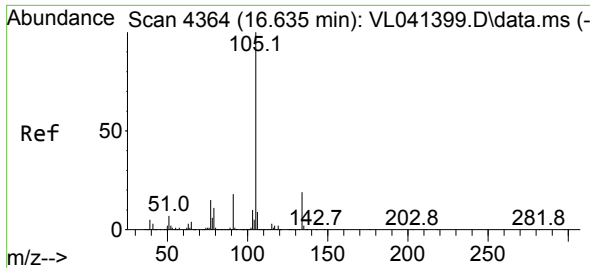


#66
Benzyl Chloride
Concen: 13.040 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. -0.003 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58



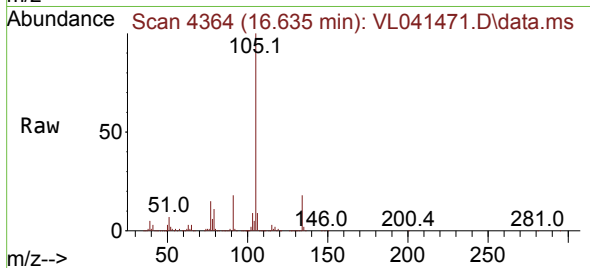
Tgt Ion: 91 Resp: 288309
Ion Ratio Lower Upper
91 100
126 16.6 13.8 20.8
128 5.5 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 10.745 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041471.D
 Acq: 1 Aug 2024 9:58

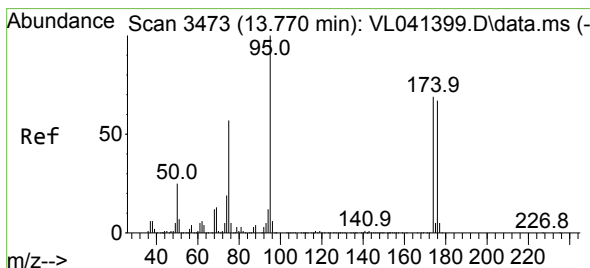
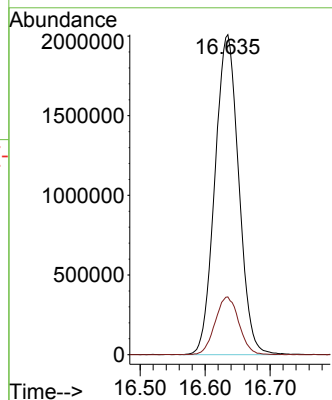
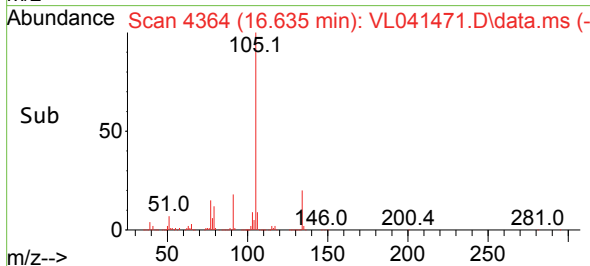
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0801ABS01



Tgt Ion:105 Resp: 510289
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.5 21.7

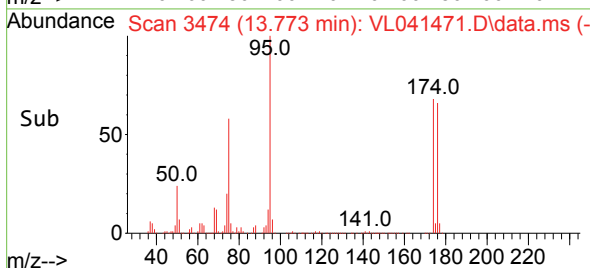
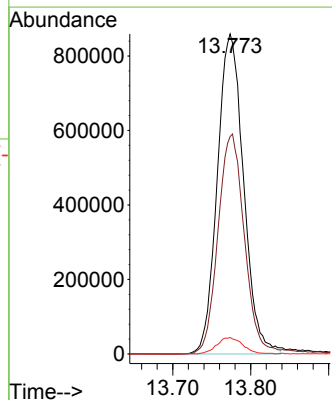
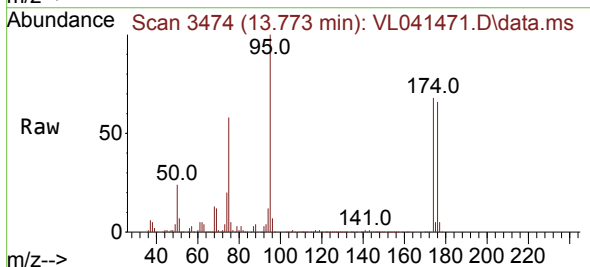
Manual Integrations
 APPROVED

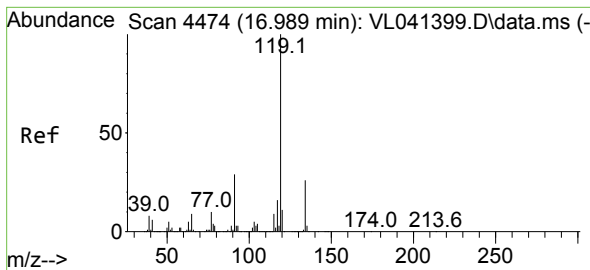
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.806 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. -0.000 min
 Lab File: VL041471.D
 Acq: 1 Aug 2024 9:58

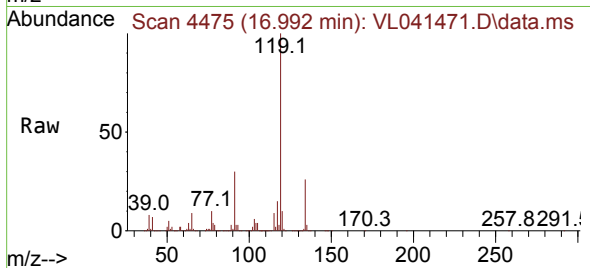
Tgt Ion: 95 Resp: 2012718
 Ion Ratio Lower Upper
 95 100
 174 70.5 56.3 84.5
 175 5.2 4.0 6.0





#69
p-Isopropyltoluene
Concen: 10.938 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

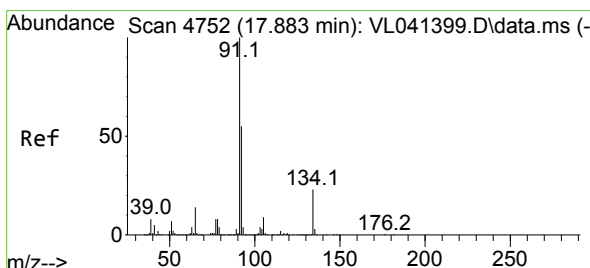
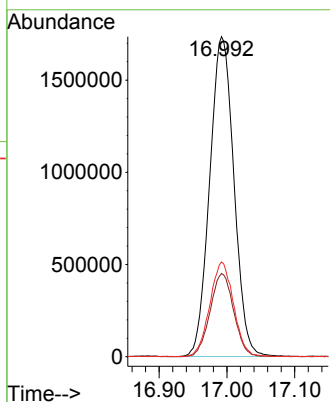
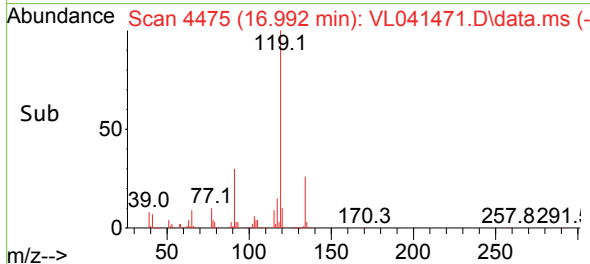
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



Tgt Ion:119 Resp: 431072
Ion Ratio Lower Upper
119 100
134 25.4 20.5 30.7
91 28.9 23.2 34.8

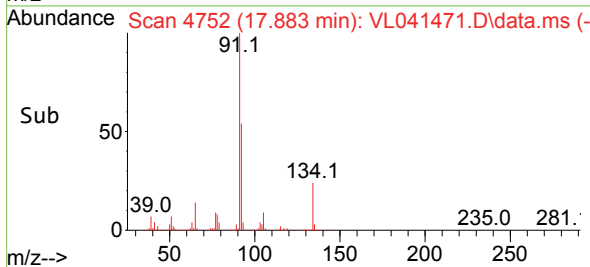
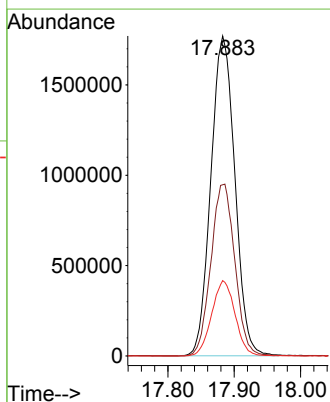
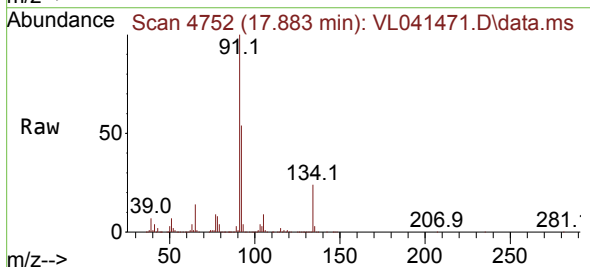
Manual Integrations
APPROVED

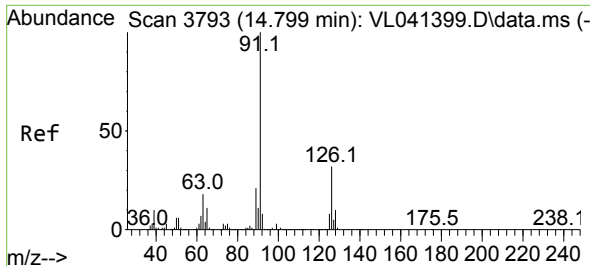
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#70
n-Butylbenzene
Concen: 11.023 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

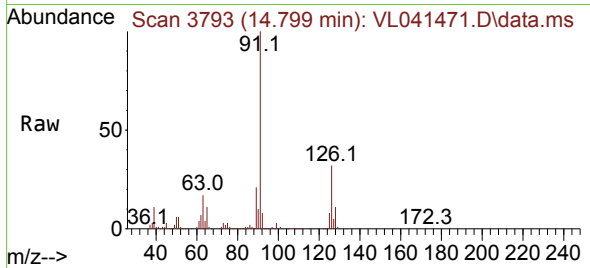
Tgt Ion: 91 Resp: 4453598
Ion Ratio Lower Upper
91 100
92 53.7 43.2 64.8
134 22.9 18.5 27.7





#71
2-Chlorotoluene
Concen: 10.887 ppbv
RT: 14.799 min Scan# 3793
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

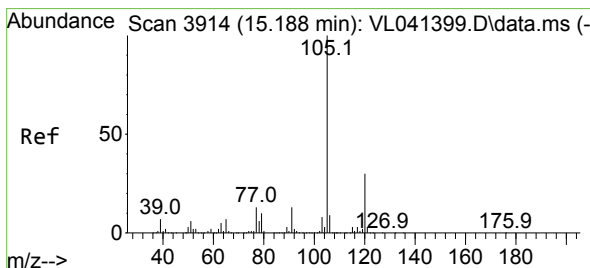
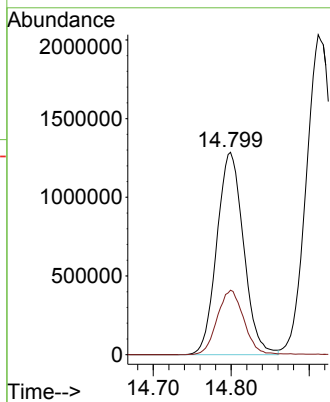
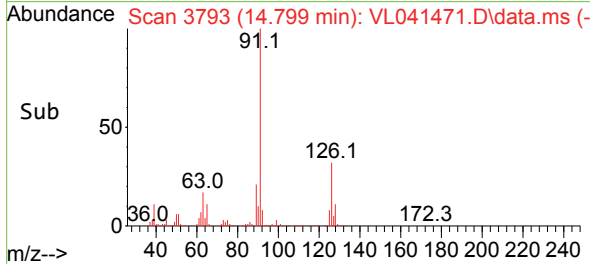
Instrument : MSVOA_L
ClientSampleId : VL0801ABS01



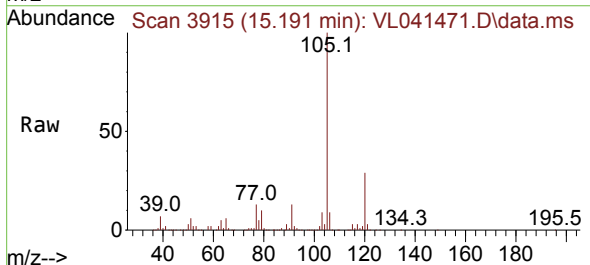
Tgt Ion: 91 Resp: 3064012
Ion Ratio Lower Upper
91 100
126 32.2 12.7 50.9

Manual Integrations
APPROVED

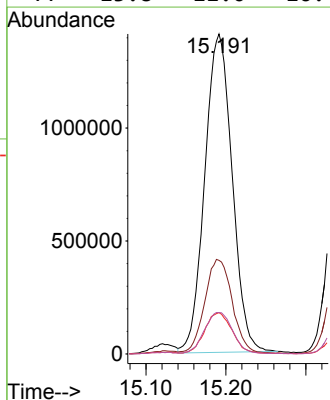
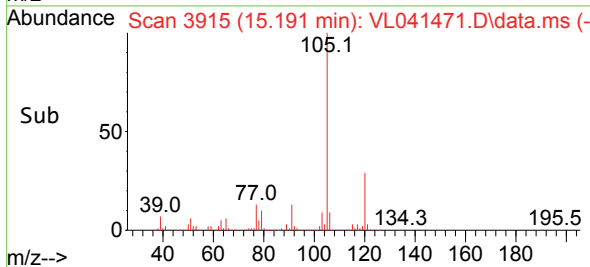
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

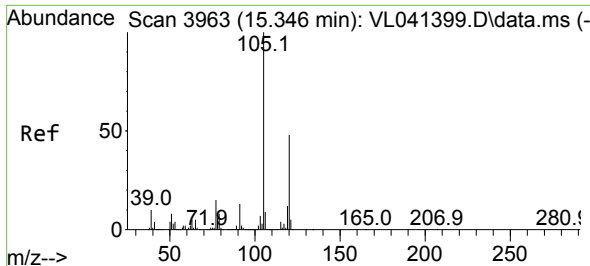


#72
4-Ethyltoluene
Concen: 11.351 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58



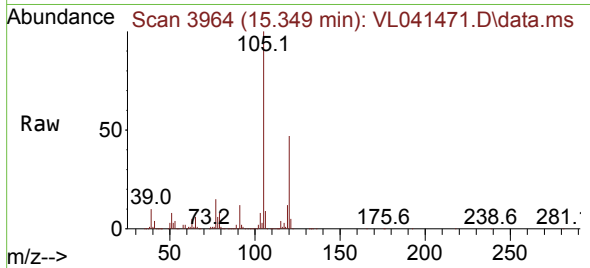
Tgt Ion:105 Resp: 3354707
Ion Ratio Lower Upper
105 100
120 31.2 24.2 36.2
91 13.0 10.4 15.6
77 13.8 11.0 16.4





#73
1,3,5-Trimethylbenzene
Concen: 11.276 ppbv
RT: 15.349 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

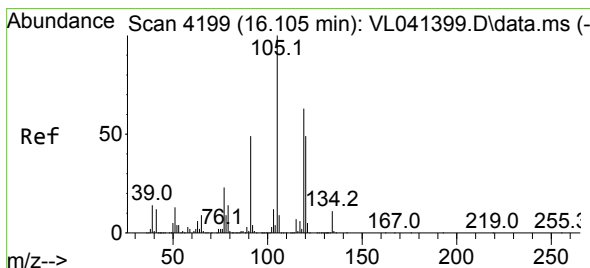
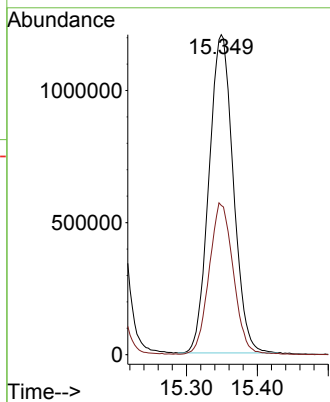
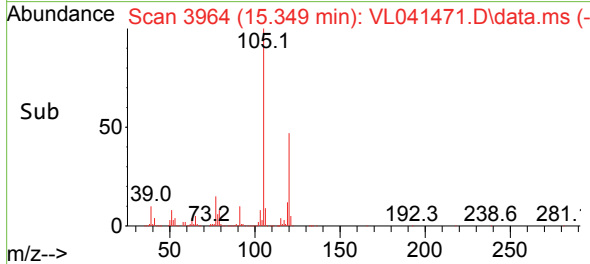
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



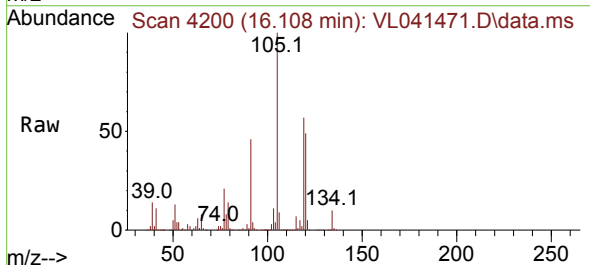
Tgt Ion:105 Resp: 2871028
Ion Ratio Lower Upper
105 100
120 46.7 38.6 57.8

Manual Integrations
APPROVED

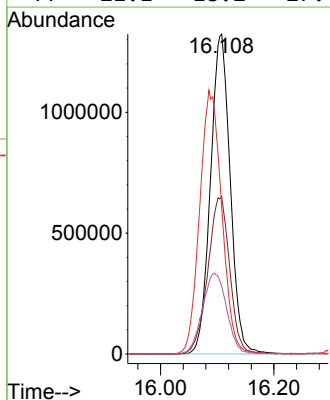
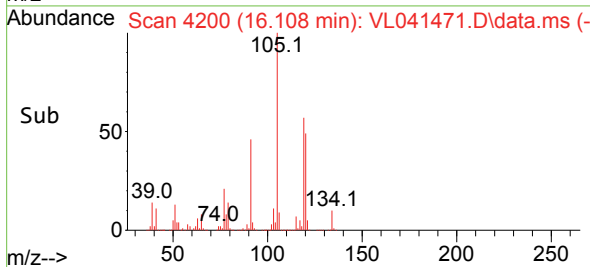
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

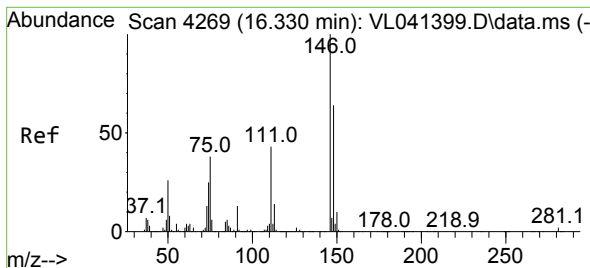


#74
1,2,4-Trimethylbenzene
Concen: 10.822 ppbv
RT: 16.108 min Scan# 4200
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58



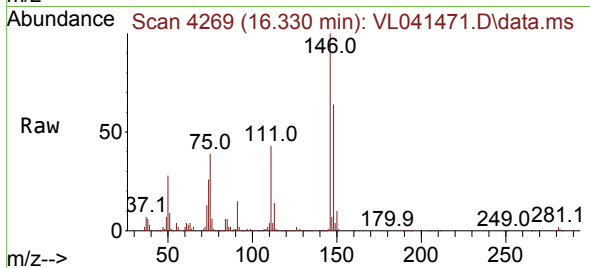
Tgt Ion:105 Resp: 3203510
Ion Ratio Lower Upper
105 100
120 49.2 39.5 59.3
91 45.8 39.8 59.8
77 21.1 18.2 27.4





#75
1,3-Dichlorobenzene
Concen: 10.655 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. 0.003 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

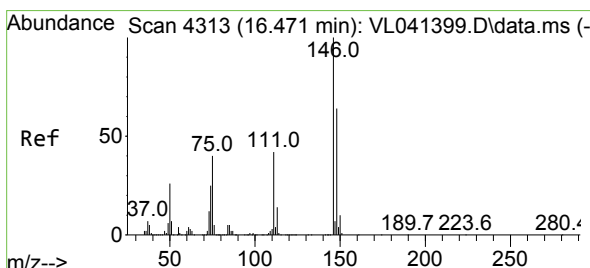
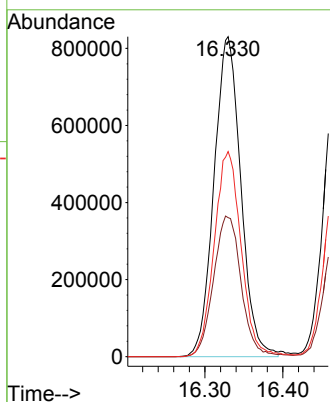
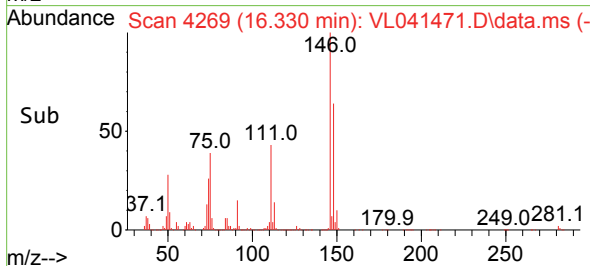
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



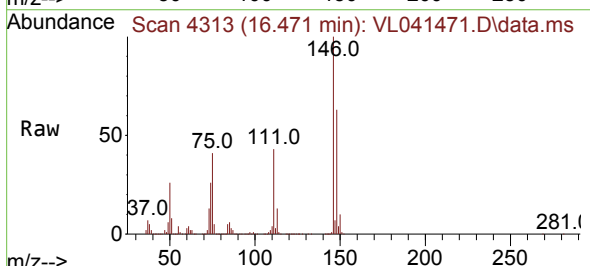
Tgt Ion:146 Resp: 1982580
Ion Ratio Lower Upper
146 100
111 45.4 22.6 67.8
148 64.6 32.3 96.8

Manual Integrations
APPROVED

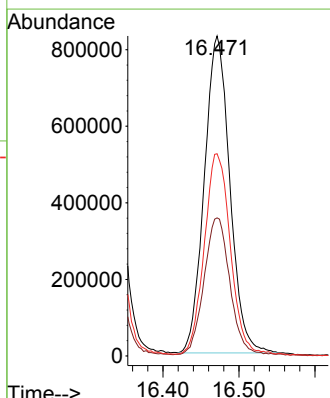
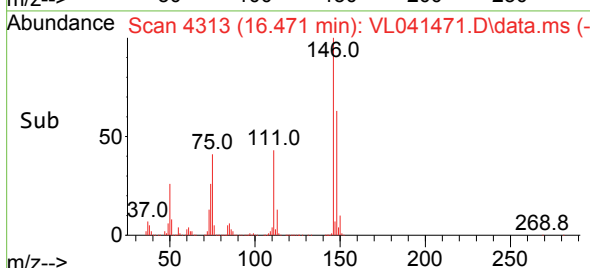
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

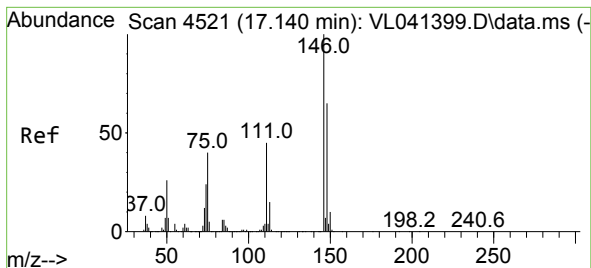


#76
1,4-Dichlorobenzene
Concen: 10.729 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58



Tgt Ion:146 Resp: 1933139
Ion Ratio Lower Upper
146 100
111 45.2 22.4 67.0
148 66.3 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 10.512 ppbv

RT: 17.140 min Scan# 4521

Delta R.T. -0.000 min

Lab File: VL041471.D

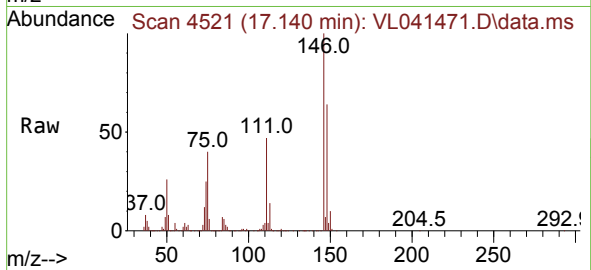
Acq: 1 Aug 2024 9:58

Instrument :

MSVOA_L

ClientSampleId :

VL0801ABS01



Tgt Ion:146 Resp: 1939024

Ion Ratio Lower Upper

146 100

111 47.2 23.4 70.0

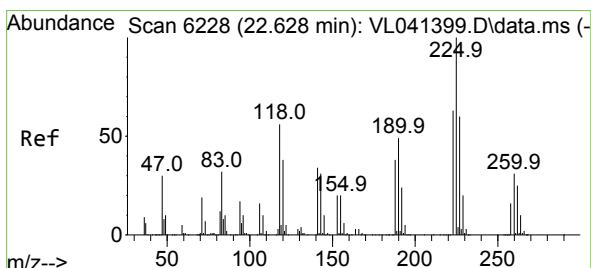
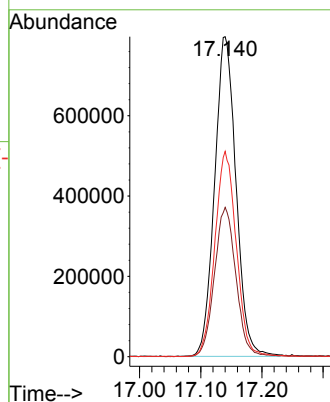
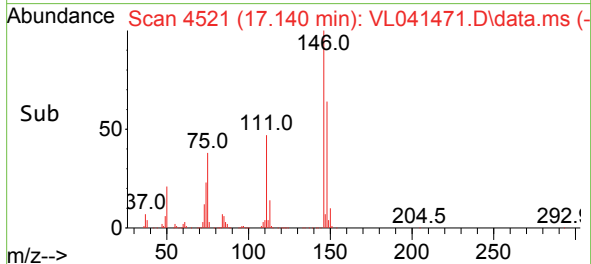
148 64.4 32.2 96.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#78

Hexachloro-1,3-Butadiene

Concen: 9.373 ppbv

RT: 22.632 min Scan# 6229

Delta R.T. 0.003 min

Lab File: VL041471.D

Acq: 1 Aug 2024 9:58

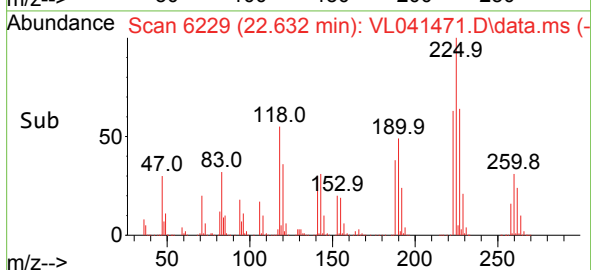
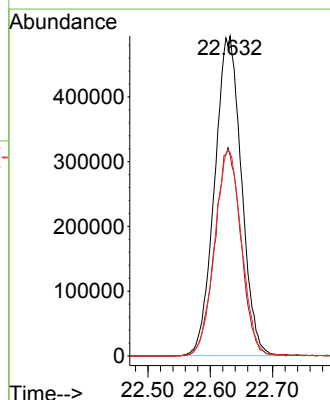
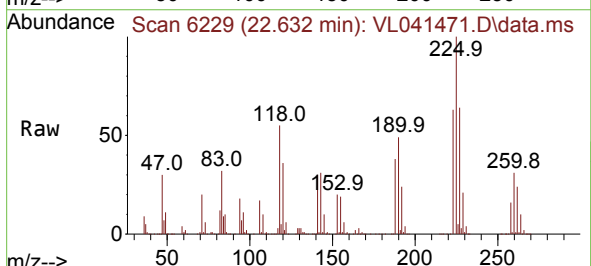
Tgt Ion:225 Resp: 1474446

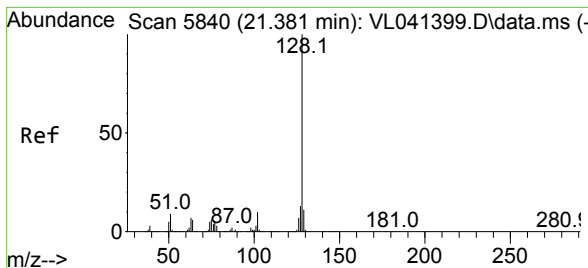
Ion Ratio Lower Upper

225 100

223 63.8 50.6 76.0

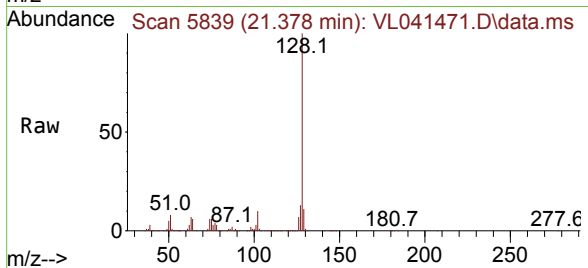
227 64.8 50.8 76.2





#79
Naphthalene
Concen: 12.592 ppbv
RT: 21.378 min Scan# 5839
Delta R.T. -0.003 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

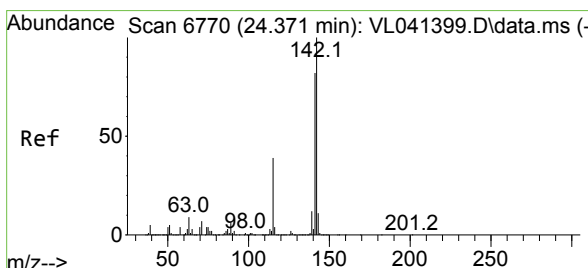
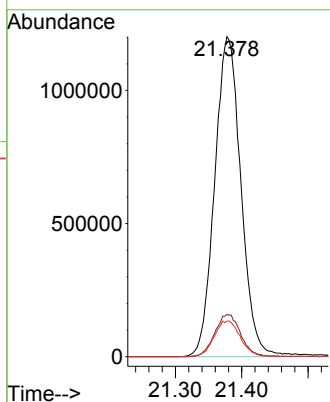
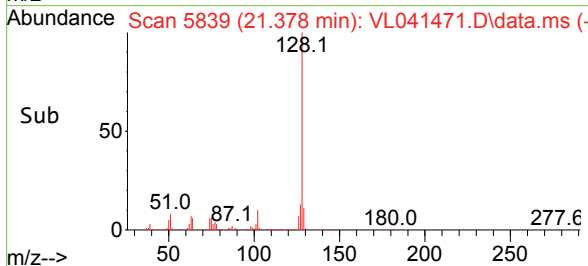
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



Tgt Ion:128 Resp: 3289970
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.1 9.0 13.4

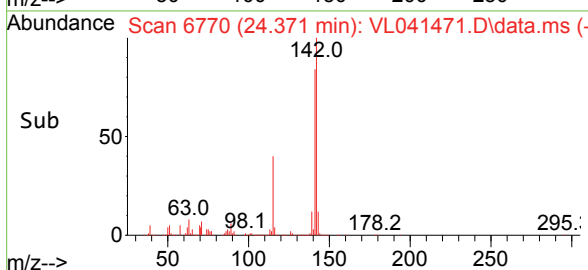
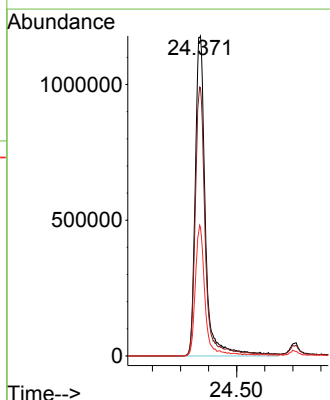
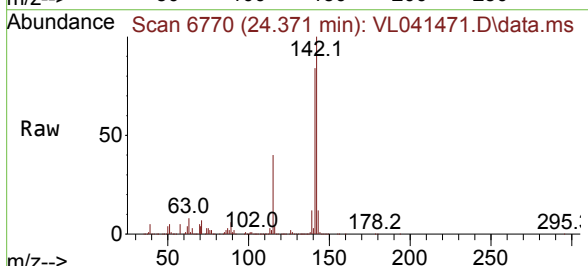
Manual Integrations
APPROVED

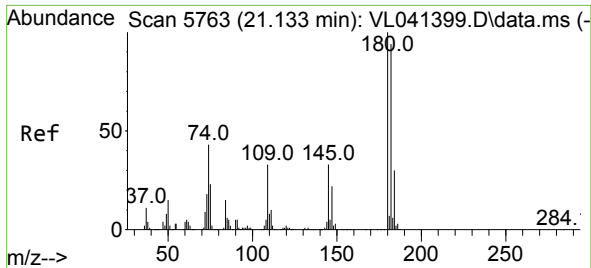
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#80
Naphthalene,2-methyl-
Concen: 13.574 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. 0.003 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

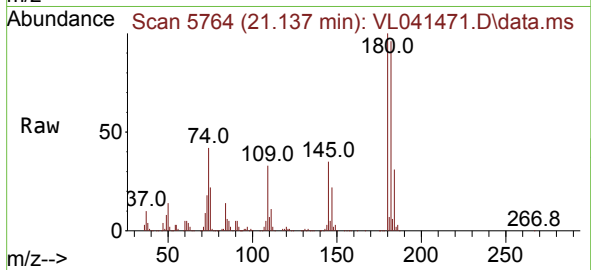
Tgt Ion:142 Resp: 2972862
Ion Ratio Lower Upper
142 100
141 83.1 67.0 100.4
115 39.0 32.2 48.2





#81
1,2,4-Trichlorobenzene
Concen: 11.092 ppbv
RT: 21.137 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL041471.D
Acq: 1 Aug 2024 9:58

Instrument :
MSVOA_L
ClientSampleId :
VL0801ABS01



Tgt Ion:180 Resp: 172454
Ion Ratio Lower Upper
180 100
182 97.4 76.7 115.1
184 30.8 24.5 36.7

Manual Integrations
APPROVED

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

