

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051223\
 Data File : VL040421.D
 Acq On : 12 May 2023 16:48
 Operator : SY/MD
 Sample : VL0512ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0512ABS01

Quant Time: May 15 00:42:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/16/2023
 Supervised By : Mahesh Dadoda 05/16/2023

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

Internal Standards						
1) Bromochloromethane	5.182	49	1047022	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2630229	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2580965	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2019916	9.464	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.713	85	1937899	10.265	ppbv	98
3) Chlorodifluoromethane	2.658	51	1263609	9.236	ppbv	99
4) Chloromethane	2.796	50	805191	9.316	ppbv	99
5) Vinyl Chloride	2.902	62	691853	9.698	ppbv	98
6) Bromomethane	3.102	94	217461	9.252	ppbv	100
7) Chloroethane	3.182	64	249416	9.233	ppbv	96
8) Dichlorotetrafluoroethane	2.838	85	1746550	9.467	ppbv	98
9) Propene	2.677	41	505761	9.357	ppbv	99
10) Heptane	7.577	43	1284496	10.457	ppbv	100
11) Trichlorofluoromethane	3.549	101	1786690	9.349	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.054	101	1266049	9.472	ppbv	100
13) Ethanol	3.230	45	40682m	9.016	ppbv	
14) Bromoethene	3.349	108	535435	9.797	ppbv	100
15) Acetone	3.452	43	1293426	8.722	ppbv	99
16) 1,3-Butadiene	2.967	39	611507	9.964	ppbv	99
17) tert-Butyl alcohol	3.861	59	1281731	9.412	ppbv	100
18) 1,1-Dichloroethene	3.867	96	580025	9.622	ppbv	93
19) Isopropyl Alcohol	3.558	45	603322	8.916	ppbv	100
20) Methylene Chloride	3.918	84	505072	8.531	ppbv	98
21) Allyl Chloride	3.983	41	819396	9.724	ppbv	99
22) trans-1,2-Dichloroethene	4.433	96	570463	9.466	ppbv	99
23) Vinyl Acetate	4.616	43	362168	9.592	ppbv #	97
24) 1,1-Dichloroethane	4.552	63	1183087	9.415	ppbv	100
25) Ethyl Acetate	5.195	43	2440559	9.780	ppbv	100
26) Hexane	5.201	57	1030085	9.792	ppbv	100
27) Carbon Disulfide	4.111	76	1427563	10.486	ppbv	99
28) Methyl tert-Butyl Ether	4.574	73	1046757	9.639	ppbv	99
29) Chloroform	5.266	83	1796065	9.584	ppbv	97
30) Cyclohexane	6.594	84	856880	10.517	ppbv	99
31) cis-1,2-Dichloroethene	5.070	61	1065814	10.222	ppbv	99
32) 1,1,1-Trichloroethane	5.996	97	1835541	10.081	ppbv	99
34) 2-Butanone	4.774	43	1443367	10.177	ppbv	99
35) Carbon Tetrachloride	6.488	117	1867170	10.085	ppbv	99
36) Benzene	6.365	78	2160939	10.070	ppbv	100
37) 1,2-Dichloroethane	5.799	62	1408072	9.989	ppbv	100
38) Trichloroethene	7.288	130	1327073	10.866	ppbv	99
39) 1,2-Dichloropropane	7.069	63	833056	9.866	ppbv	97
40) 1,4-Dioxane	7.282	88	316009	9.772	ppbv #	99
41) Tetrahydrofuran	5.545	42	822812	10.593	ppbv	99
42) Bromodichloromethane	7.246	83	1984809	10.311	ppbv	99
43) Methyl Methacrylate	7.471	69	880993	11.053	ppbv	100
44) 2,2,4-Trimethylpentane	7.323	57	3585864	10.004	ppbv	100
45) t-1,3-Dichloropropene	8.709	75	863220	12.125	ppbv	96

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Reviewed By : Semsettin Yesilyurt 05/16/2023
 Supervised By : Mahesh Dadoda 05/16/2023

Quant Time: May 15 00:42:12 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M

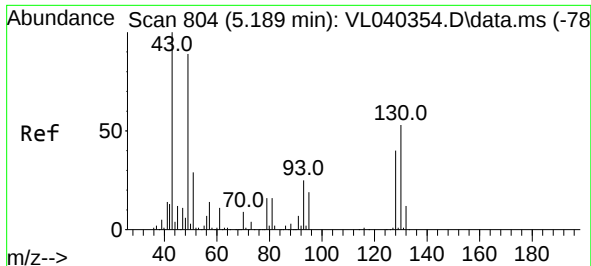
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Apr 13 14:37:02 2023

Response via : Initial Calibration

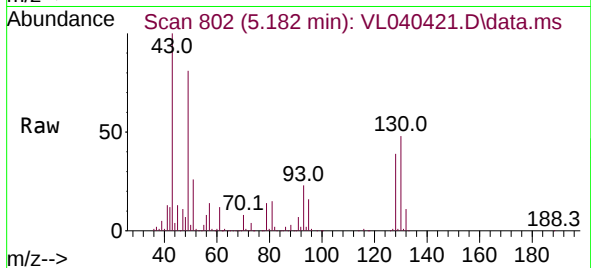
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1163728	11.743	ppbv	97
47) 1,1,2-Trichloroethane	8.899	97	922229	9.962	ppbv	98
48) Dibromochloromethane	9.712	129	1611050	10.805	ppbv	100
49) Bromoform	12.410	173	1303472	11.209	ppbv	99
50) 4-Methyl-2-Pentanone	8.176	43	2246270	10.445	ppbv	99
51) 2-Hexanone	9.548	43	1748256	11.002	ppbv	99
52) Tetrachloroethene	10.616	164	741133	11.041	ppbv	97
53) Toluene	9.221	91	2484521	10.921	ppbv	99
54) 1,2-Dibromoethane	10.008	107	1037085	11.049	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.510	131	1160748	9.853	ppbv	96
57) Chlorobenzene	11.529	112	1943794	9.619	ppbv	99
58) Ethyl Benzene	12.089	91	3464273	10.911	ppbv	98
59) m/p-Xylene	12.378	91	6037439m	20.678	ppbv	
60) o-Xylene	13.060	91	2939307	10.489	ppbv	100
61) Styrene	12.902	104	1671865	11.911	ppbv	99
62) Isopropylbenzene	14.034	105	4086516	10.127	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.050	83	918542	8.957	ppbv	100
64) n-propylbenzene	14.921	120	1044091	10.515	ppbv	98
65) tert-Butylbenzene	16.095	119	3583572	10.093	ppbv	99
66) Benzyl Chloride	16.333	91	245103	11.150	ppbv	100
67) sec-Butylbenzene	16.641	105	5114662	10.029	ppbv	99
69) p-Isopropyltoluene	17.002	119	4097978	10.291	ppbv	99
70) n-Butylbenzene	17.889	91	4480932	10.151	ppbv	100
71) 2-Chlorotoluene	14.806	91	3182125	10.271	ppbv	99
72) 4-Ethyltoluene	15.198	105	3352119	10.836	ppbv	99
73) 1,3,5-Trimethylbenzene	15.355	105	2991238	10.468	ppbv	97
74) 1,2,4-Trimethylbenzene	16.111	105	3306834	10.125	ppbv	99
75) 1,3-Dichlorobenzene	16.336	146	1791467	10.014	ppbv	99
76) 1,4-Dichlorobenzene	16.477	146	1752681	9.916	ppbv	99
77) 1,2-Dichlorobenzene	17.149	146	1711462	9.675	ppbv	99
78) Hexachloro-1,3-Butadiene	22.641	225	1306075	9.210	ppbv	100
79) Naphthalene	21.387	128	2739215	12.425	ppbv	99
80) Naphthalene,2-methyl-	24.377	142	840788	12.812	ppbv	98
81) 1,2,4-Trichlorobenzene	21.143	180	1437078	10.607	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

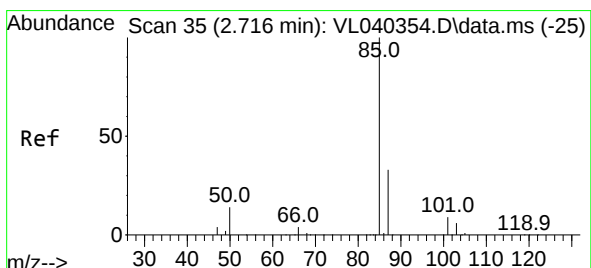
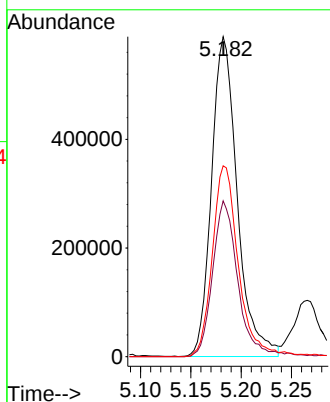
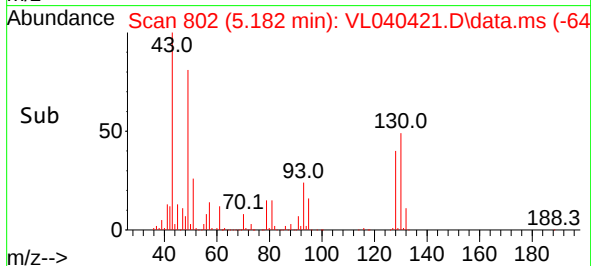
Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01



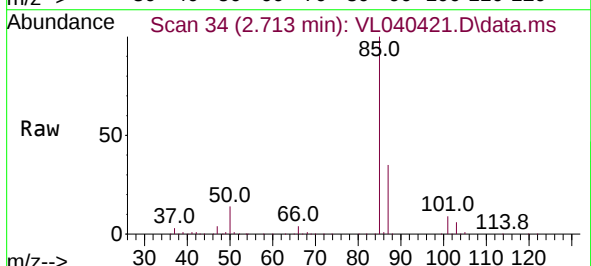
Tgt Ion: 49 Resp: 104702
Ion Ratio Lower Upper
49 100
128 48.7 23.7 71.1
130 61.4 29.9 89.8

Manual Integrations
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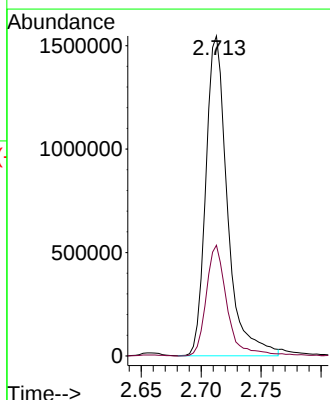
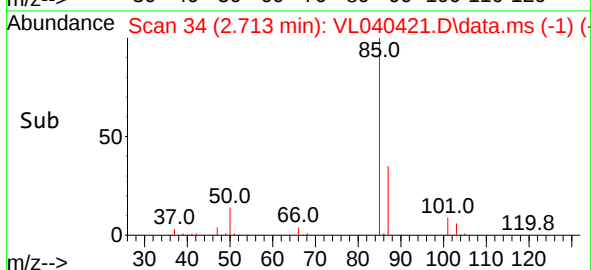
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

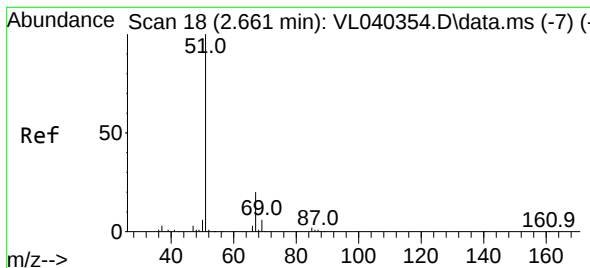


#2
Dichlorodifluoromethane
Concen: 10.265 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.003 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48



Tgt Ion: 85 Resp: 1937899
Ion Ratio Lower Upper
85 100
87 34.6 26.6 40.0





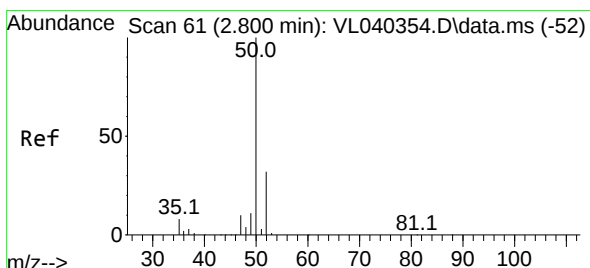
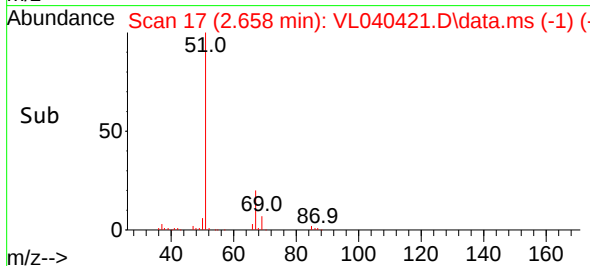
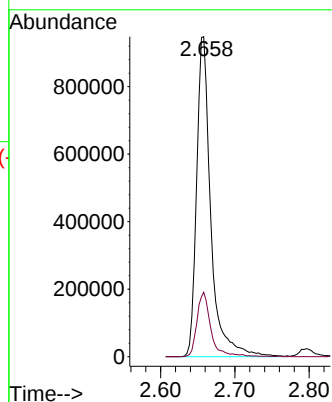
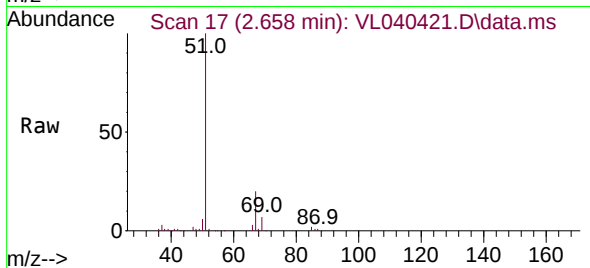
#3
Chlorodifluoromethane
Concen: 9.236 ppbv
RT: 2.658 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01

Tgt Ion: 51 Resp: 1263609
Ion Ratio Lower Upper
51 100
67 19.9 15.5 23.3

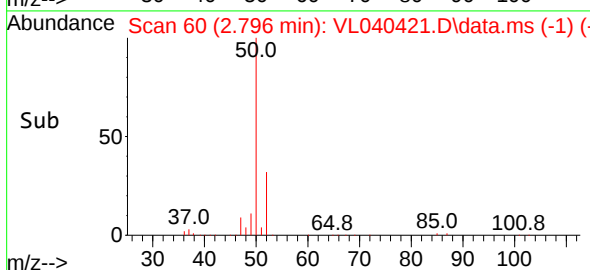
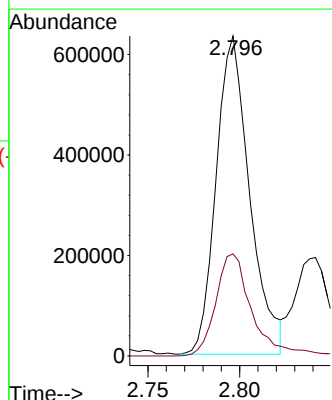
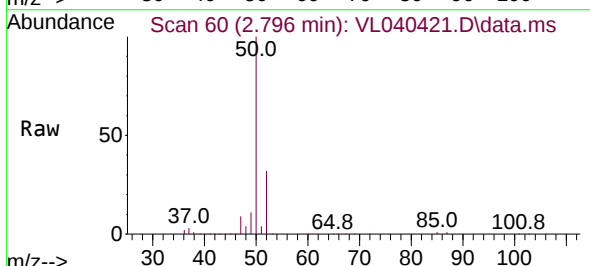
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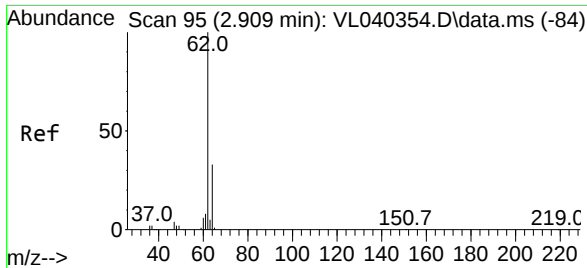
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#4
Chloromethane
Concen: 9.316 ppbv
RT: 2.796 min Scan# 60
Delta R.T. -0.004 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

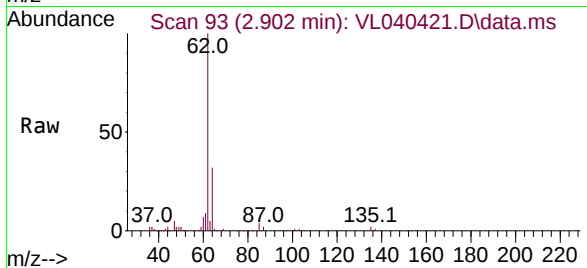
Tgt Ion: 50 Resp: 805191
Ion Ratio Lower Upper
50 100
52 32.0 25.3 37.9





#5
 Vinyl Chloride
 Concen: 9.698 ppbv
 RT: 2.902 min Scan# 91
 Delta R.T. -0.007 min
 Lab File: VL040421.D
 Acq: 12 May 2023 16:48

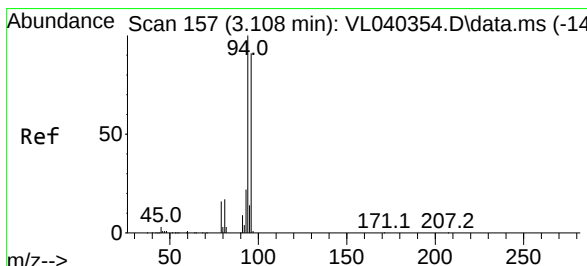
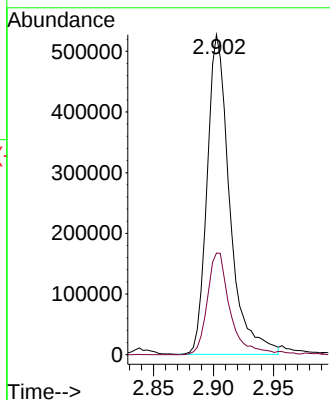
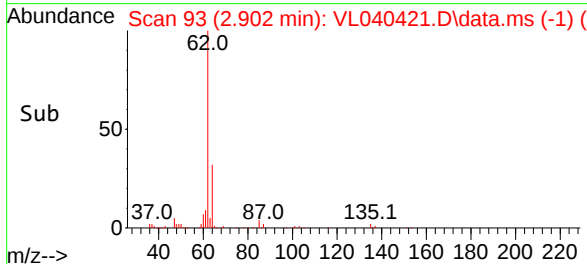
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0512ABS01



Tgt Ion: 62 Resp: 69185
 Ion Ratio Lower Upper
 62 100
 64 31.8 26.3 39.5

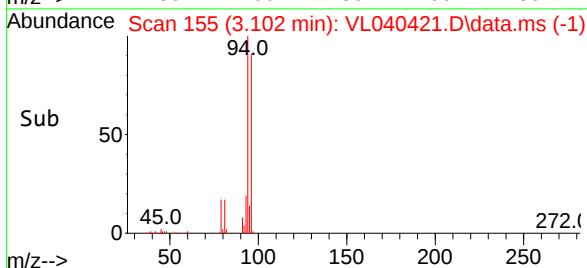
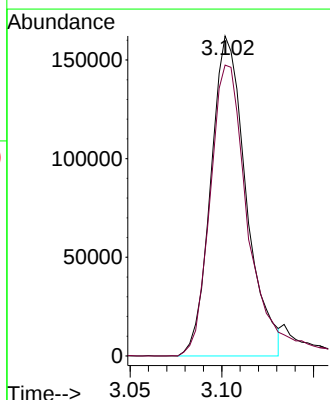
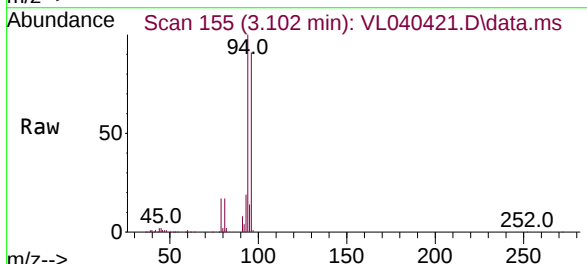
Manual Integrations
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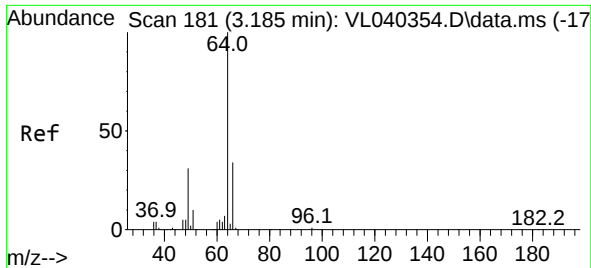
Reviewed By :Semsettin Yesilyurt 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#6
 Bromomethane
 Concen: 9.252 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. -0.006 min
 Lab File: VL040421.D
 Acq: 12 May 2023 16:48

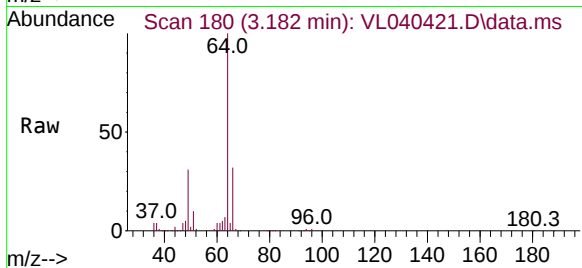
Tgt Ion: 94 Resp: 217461
 Ion Ratio Lower Upper
 94 100
 96 90.9 72.6 108.8





#7
Chloroethane
Concen: 9.233 ppbv
RT: 3.182 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

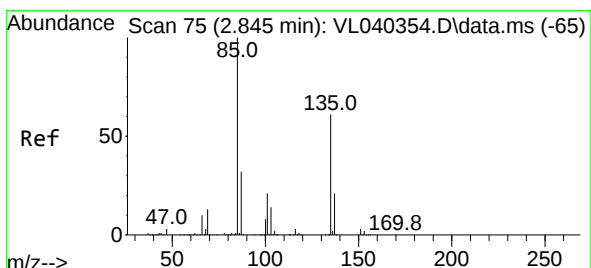
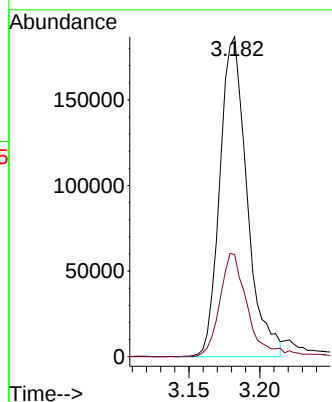
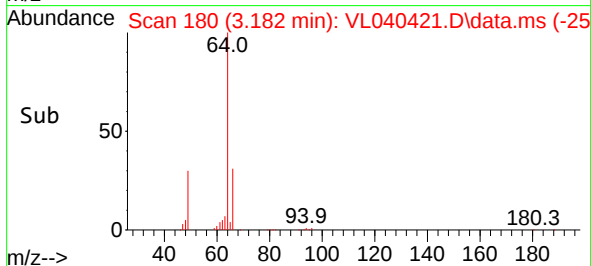
Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01



Tgt Ion: 64 Resp: 249410
Ion Ratio Lower Upper
64 100
66 31.9 27.5 41.3

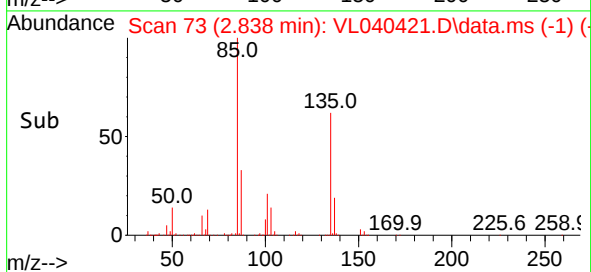
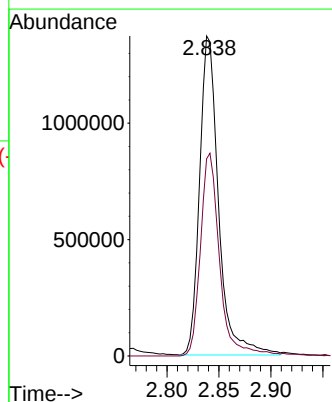
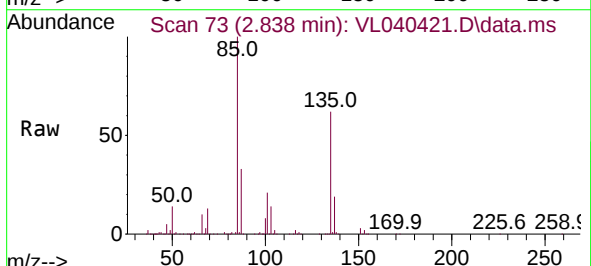
Manual Integrations
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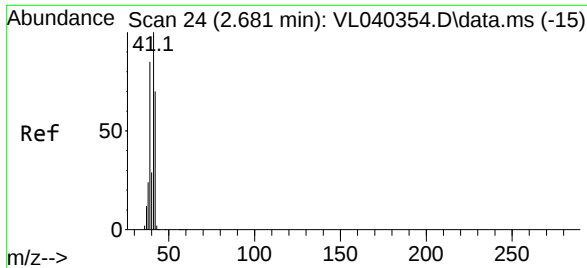
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#8
Dichlorotetrafluoroethane
Concen: 9.467 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

Tgt Ion: 85 Resp: 1746550
Ion Ratio Lower Upper
85 100
135 64.8 50.7 76.1





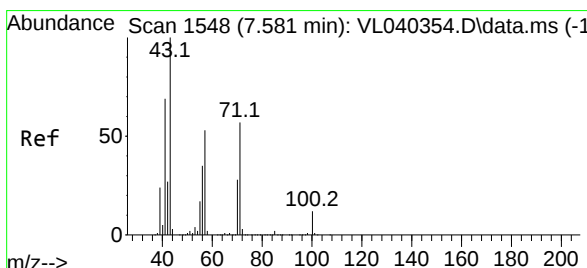
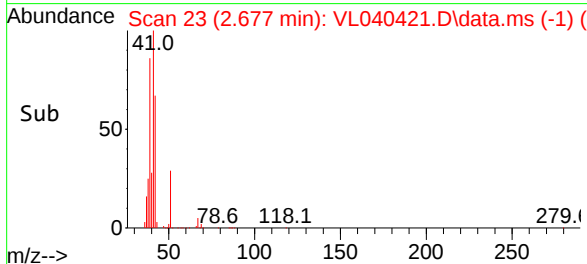
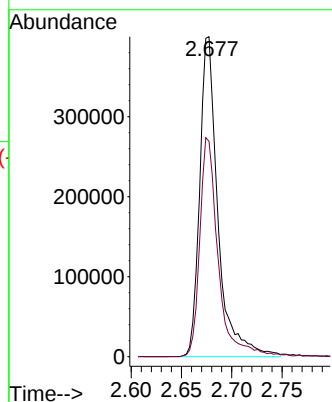
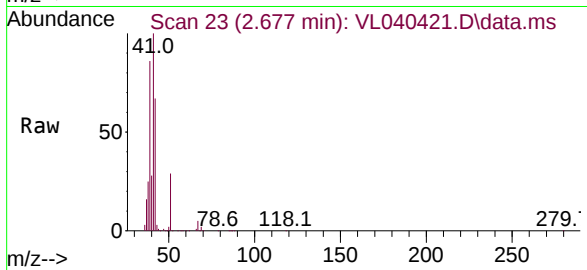
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Propene
Concen: 9.357 ppbv
RT: 2.677 min Scan# 21
Delta R.T. -0.004 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01

Tgt Ion: 41 Resp: 50576
Ion Ratio Lower Upper
41 100
42 69.5 56.5 84.7

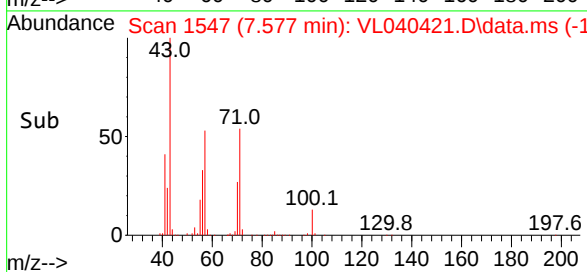
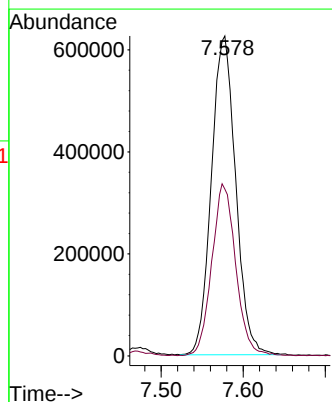
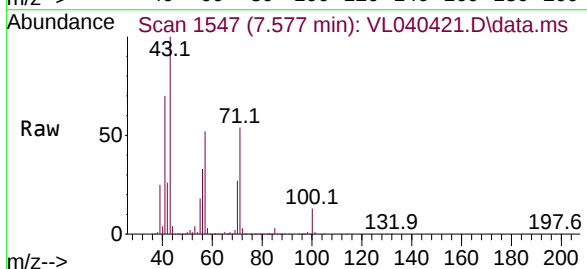
Manual Integrations
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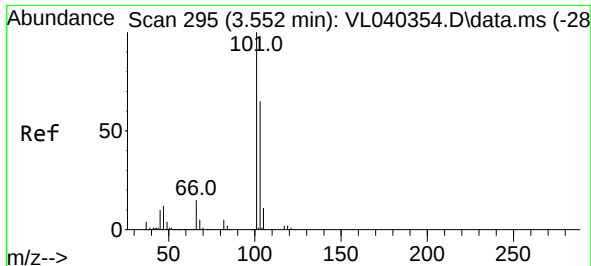
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#10
Heptane
Concen: 10.457 ppbv
RT: 7.577 min Scan# 1547
Delta R.T. -0.004 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

Tgt Ion: 43 Resp: 1284496
Ion Ratio Lower Upper
43 100
57 52.9 42.2 63.4





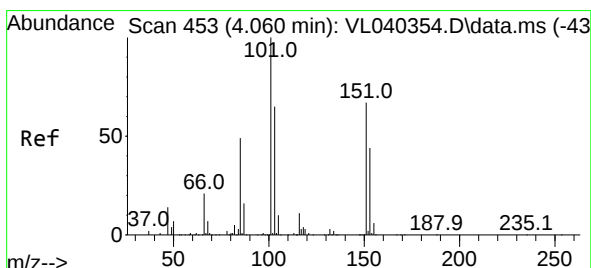
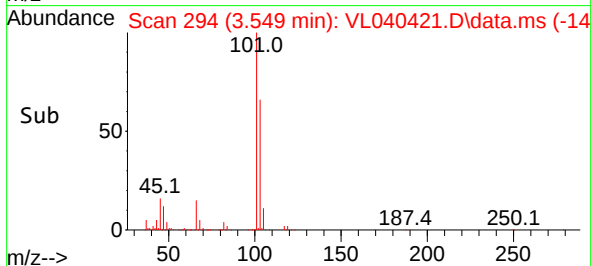
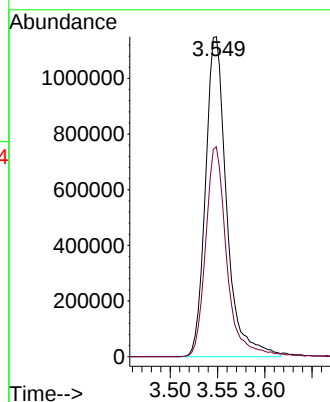
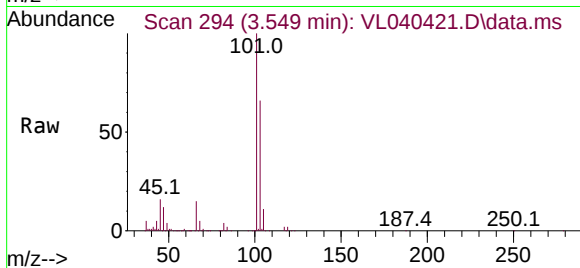
#11
 Trichlorofluoromethane
 Concen: 9.349 ppbv
 RT: 3.549 min Scan# 295
 Delta R.T. -0.003 min
 Lab File: VL040421.D
 Acq: 12 May 2023 16:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0512ABS01

Tgt Ion:101 Resp: 1786690
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.2 78.4

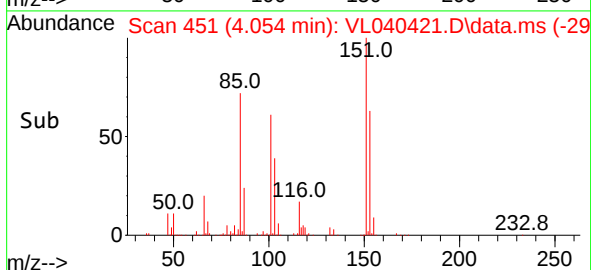
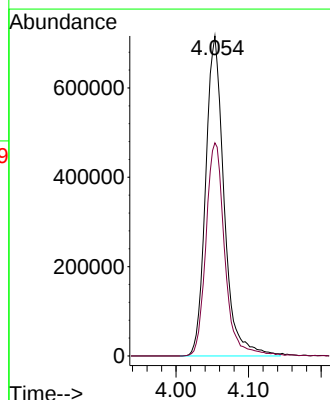
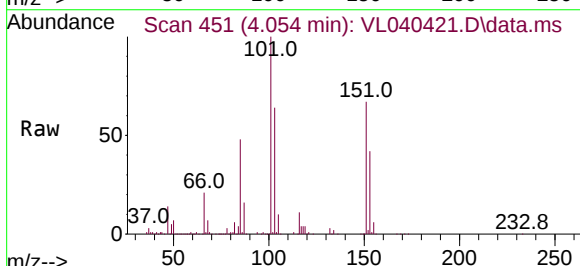
Manual Integrations
 APPROVED

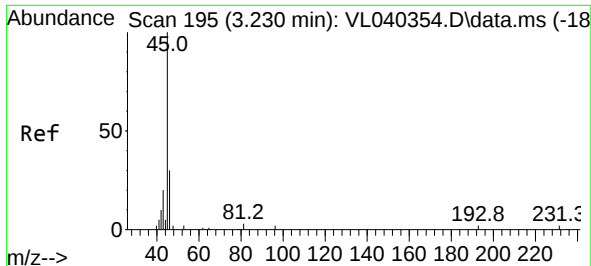
Reviewed By :Semsettin Yesilyurt 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.472 ppbv
 RT: 4.054 min Scan# 451
 Delta R.T. -0.006 min
 Lab File: VL040421.D
 Acq: 12 May 2023 16:48

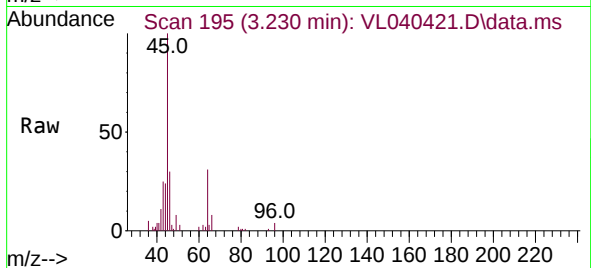
Tgt Ion:101 Resp: 1266049
 Ion Ratio Lower Upper
 101 100
 151 68.2 54.7 82.1





#13
Ethanol
Concen: 9.016 ppbv m
RT: 3.230 min Scan# 195
Delta R.T. 0.000 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

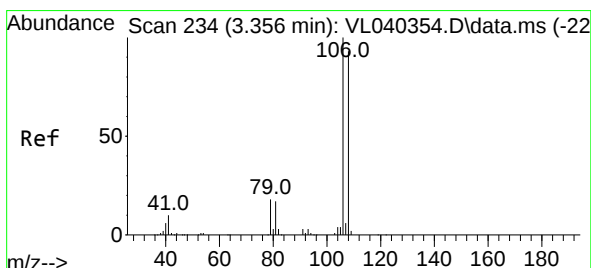
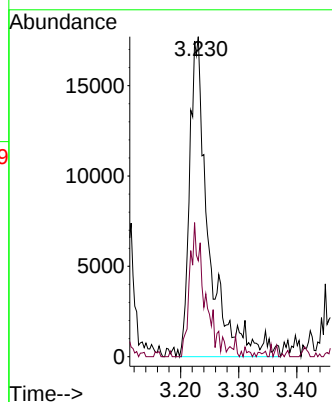
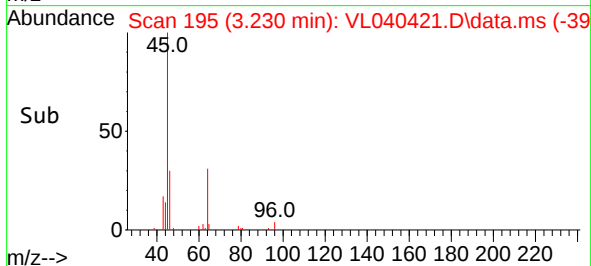
Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01



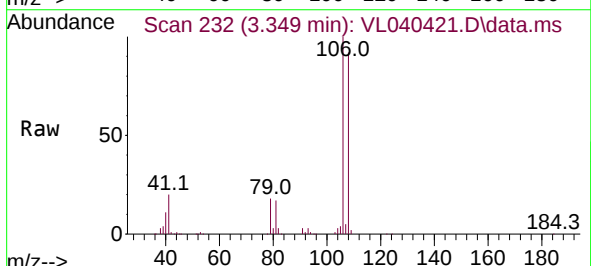
Tgt Ion: 45 Resp: 40682
Ion Ratio Lower Upper
45 100
46 34.8 15.3 61.3

Manual Integrations
APPROVED

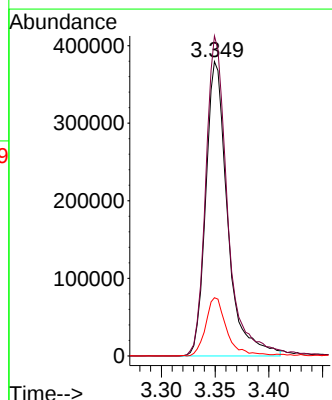
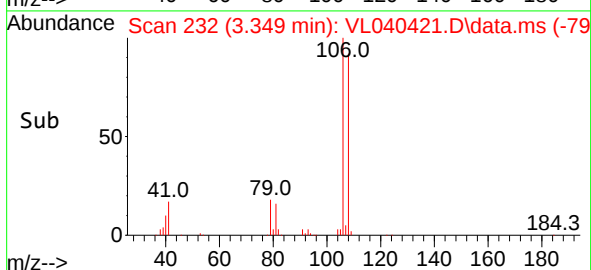
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

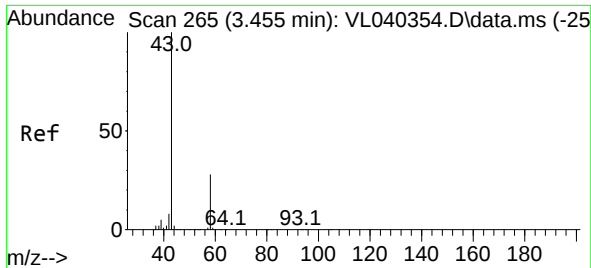


#14
Bromoethene
Concen: 9.797 ppbv
RT: 3.349 min Scan# 232
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48



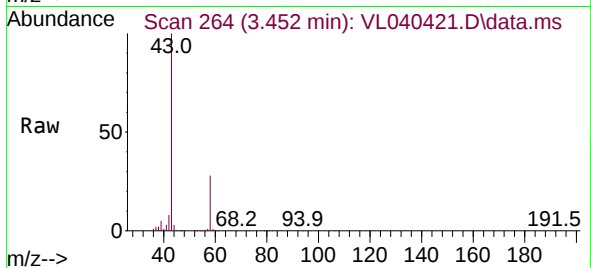
Tgt Ion:108 Resp: 535435
Ion Ratio Lower Upper
108 100
106 110.8 88.3 132.5
79 19.8 16.1 24.1





#15
Acetone
Concen: 8.722 ppbv
RT: 3.452 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

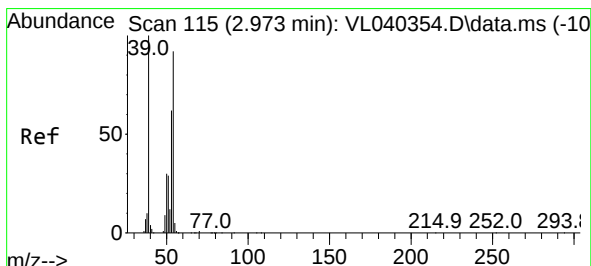
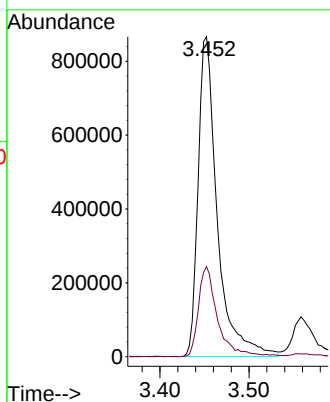
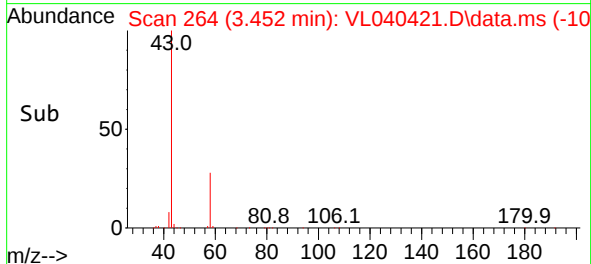
Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01



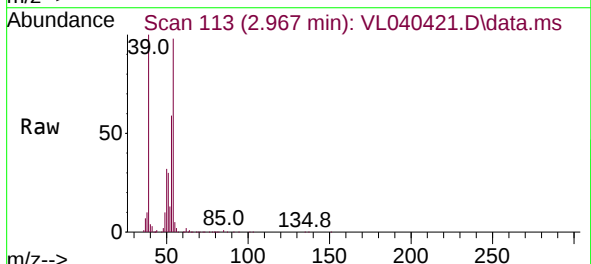
Tgt Ion: 43 Resp: 1293420
Ion Ratio Lower Upper
43 100
58 28.2 22.2 33.2

Manual Integrations
APPROVED

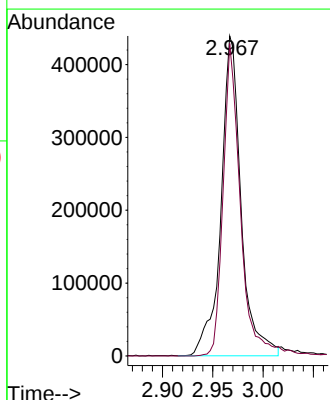
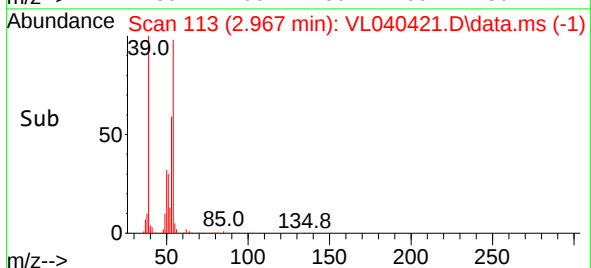
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

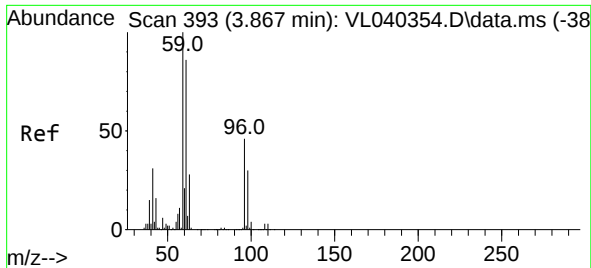


#16
1,3-Butadiene
Concen: 9.964 ppbv
RT: 2.967 min Scan# 113
Delta R.T. -0.006 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48



Tgt Ion: 39 Resp: 611507
Ion Ratio Lower Upper
39 100
54 85.1 68.8 103.2





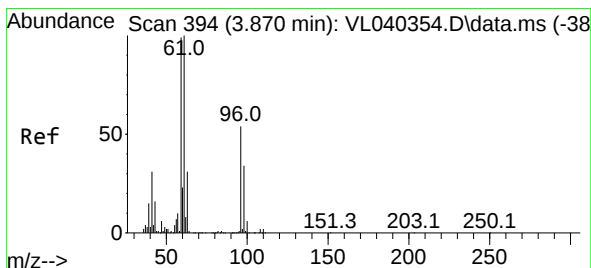
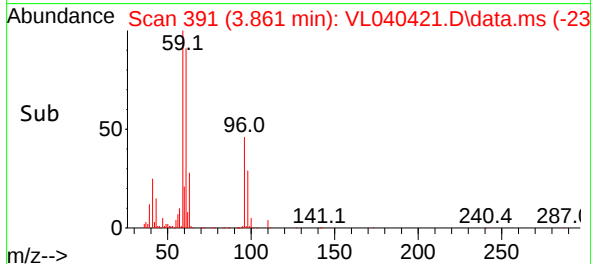
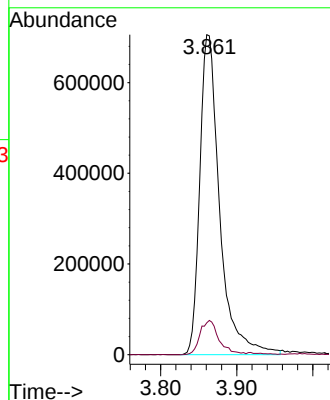
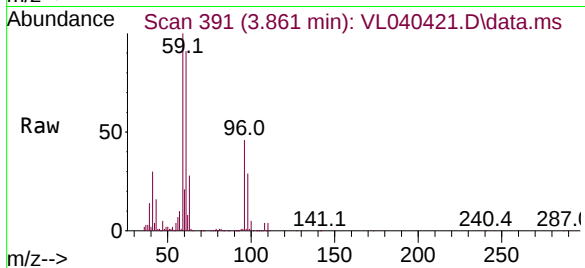
#17
tert-Butyl alcohol
Concen: 9.412 ppbv
RT: 3.861 min Scan# 391
Delta R.T. -0.006 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01

Tgt Ion: 59 Resp: 128173
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7

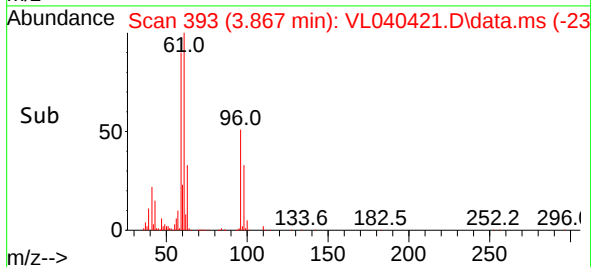
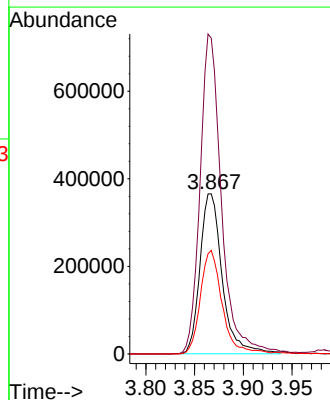
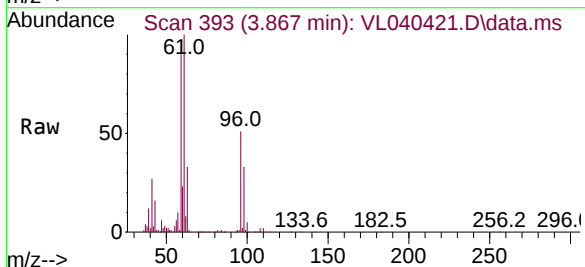
Manual Integrations
APPROVED

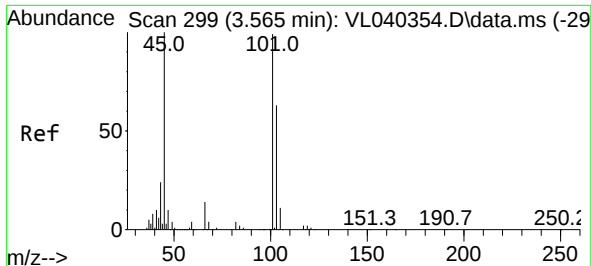
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#18
1,1-Dichloroethene
Concen: 9.622 ppbv
RT: 3.867 min Scan# 393
Delta R.T. -0.003 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

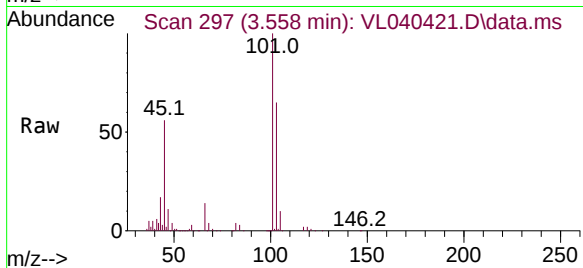
Tgt Ion: 96 Resp: 580025
Ion Ratio Lower Upper
96 100
61 196.9 148.3 222.5
98 64.6 49.8 74.8





#19
Isopropyl Alcohol
Concen: 8.916 ppbv
RT: 3.558 min Scan# 299
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

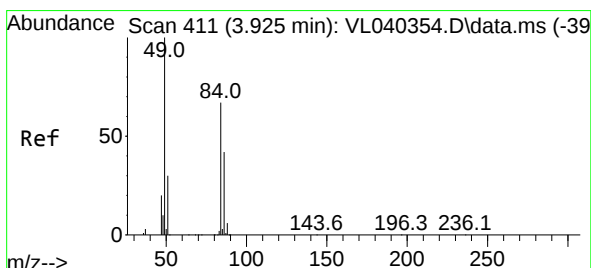
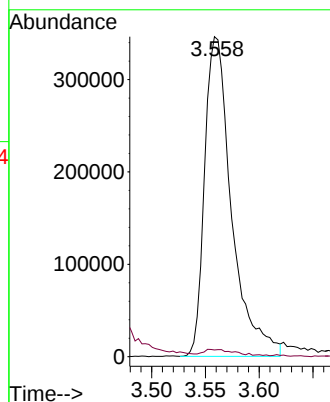
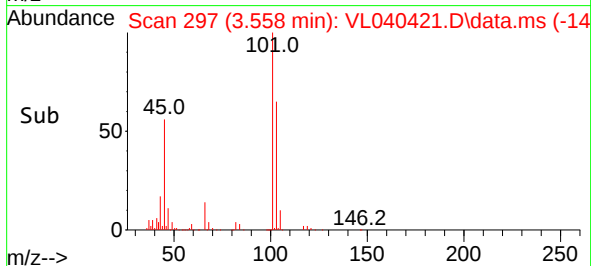
Instrument : MSVOA_L
ClientSampleId : VL0512ABS01



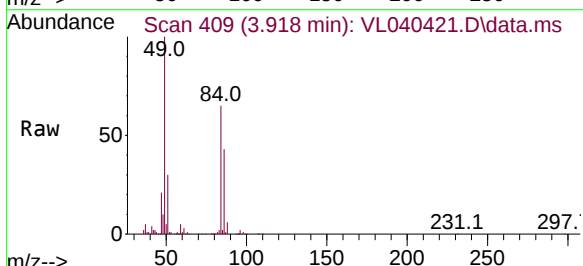
Tgt Ion: 45 Resp: 60332
Ion Ratio Lower Upper
45 100
58 3.3 2.6 4.0

Manual Integrations
APPROVED

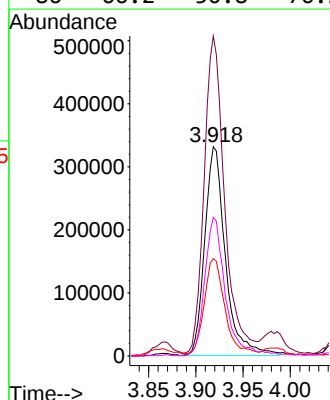
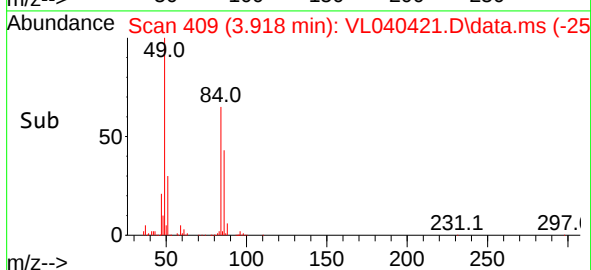
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

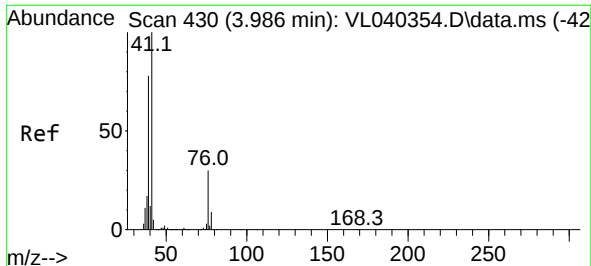


#20
Methylene Chloride
Concen: 8.531 ppbv
RT: 3.918 min Scan# 409
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48



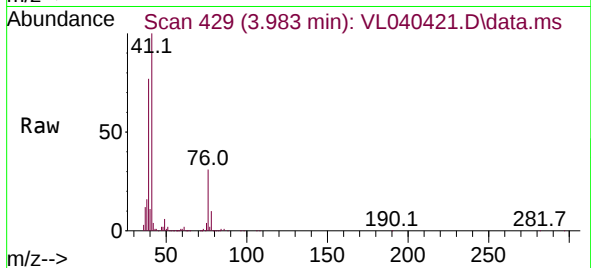
Tgt Ion: 84 Resp: 505072
Ion Ratio Lower Upper
84 100
49 151.4 120.1 180.1
51 45.1 36.3 54.5
86 66.2 50.8 76.2





#21
 Allyl Chloride
 Concen: 9.724 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040421.D
 Acq: 12 May 2023 16:48

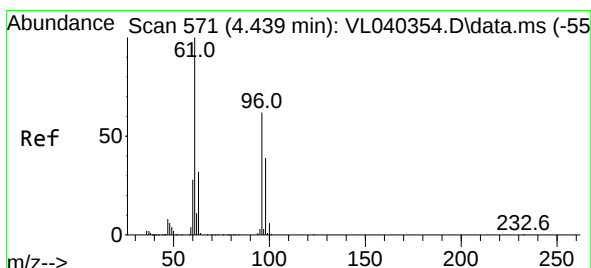
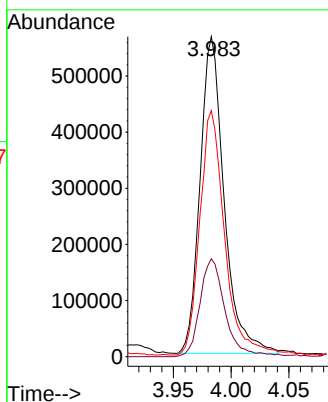
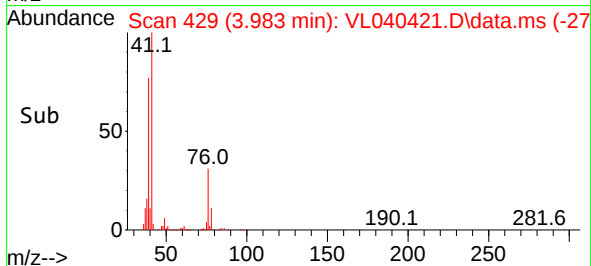
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0512ABS01



Tgt Ion: 41 Resp: 819390
 Ion Ratio Lower Upper
 41 100
 76 32.4 25.5 38.3
 39 80.6 64.0 96.0

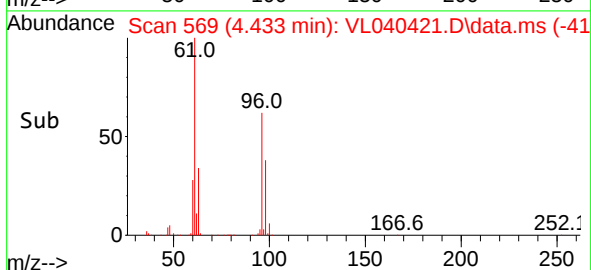
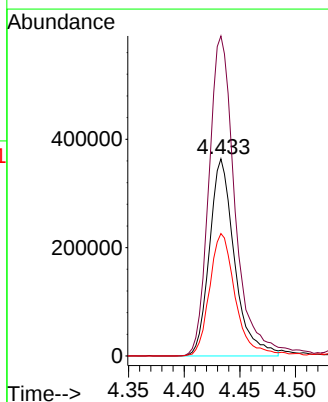
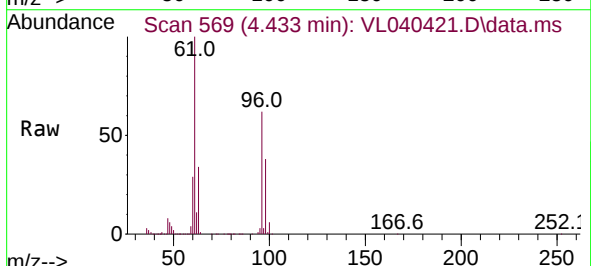
Manual Integrations
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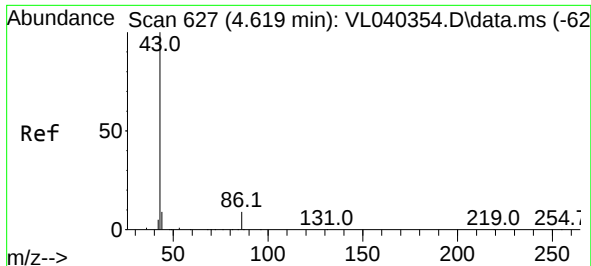
Reviewed By :Semsettin Yesilyurt 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#22
 trans-1,2-Dichloroethene
 Concen: 9.466 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. -0.006 min
 Lab File: VL040421.D
 Acq: 12 May 2023 16:48

Tgt Ion: 96 Resp: 570463
 Ion Ratio Lower Upper
 96 100
 61 162.3 129.4 194.2
 98 62.1 51.0 76.4





#23
 Vinyl Acetate
 Concen: 9.592 ppbv
 RT: 4.616 min Scan# 606
 Delta R.T. -0.003 min
 Lab File: VL040421.D
 Acq: 12 May 2023 16:48

Instrument :

MSVOA_L

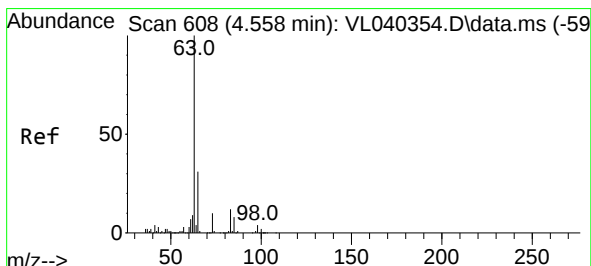
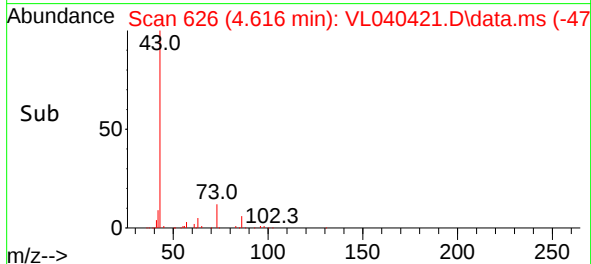
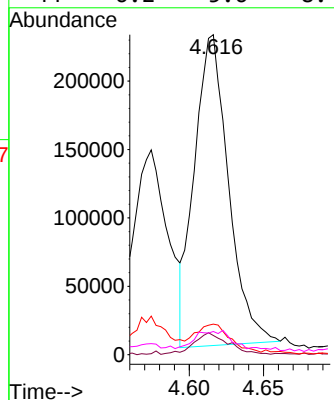
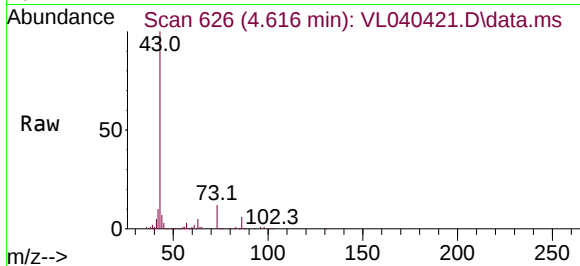
ClientSampleId :

VL0512ABS01

Tgt Ion: 43 Resp: 362168
 Ion Ratio Lower Upper
 43 100
 86 5.9 6.0 9.0
 42 8.9 6.4 9.6
 44 6.2 5.6 8.4

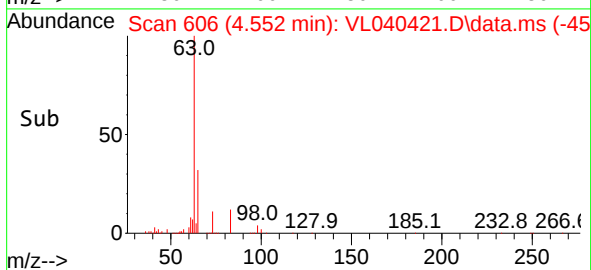
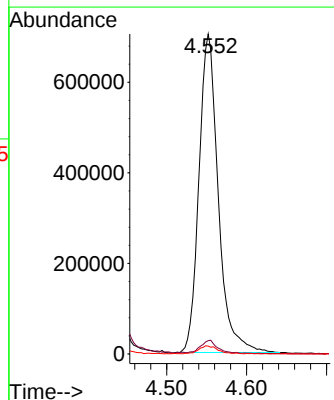
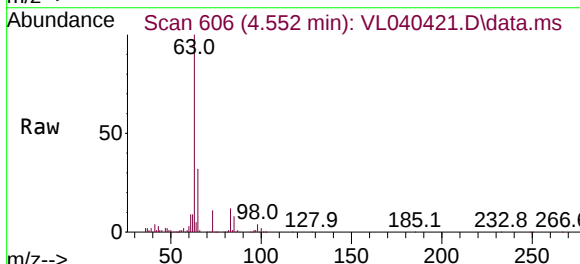
Manual Integrations
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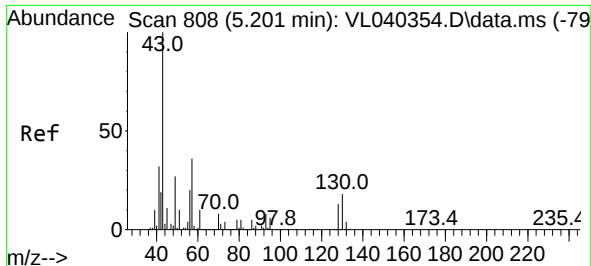
Reviewed By :Semsettin Yesilyurt 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#24
 1,1-Dichloroethane
 Concen: 9.415 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.006 min
 Lab File: VL040421.D
 Acq: 12 May 2023 16:48

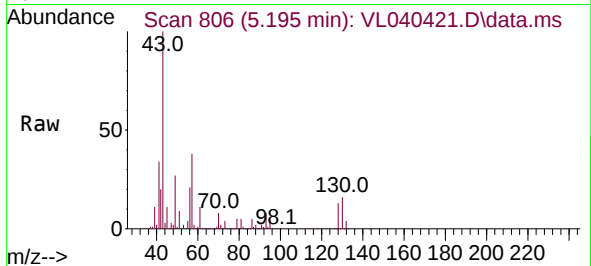
Tgt Ion: 63 Resp: 1183087
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.1 6.2
 100 2.4 1.2 3.6





#25
Ethyl Acetate
Concen: 9.780 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.006 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

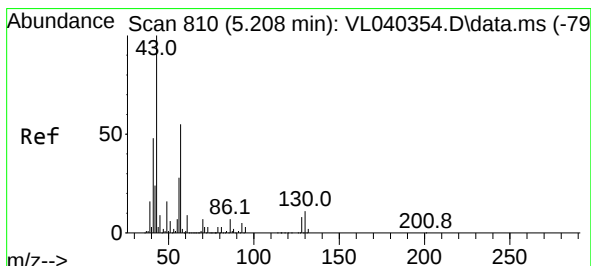
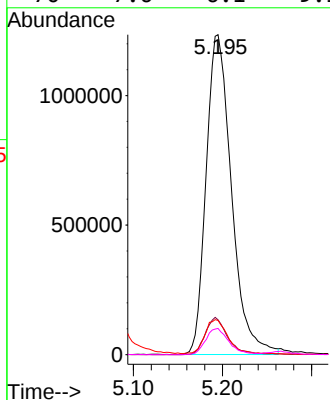
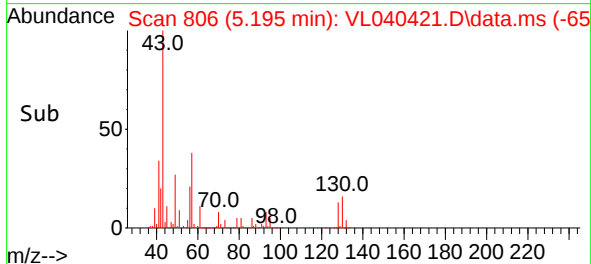
Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01



Tgt Ion: 43 Resp: 2440559
Ion Ratio Lower Upper
43 100
45 10.4 8.5 12.7
61 10.5 8.5 12.7
70 7.6 6.1 9.1

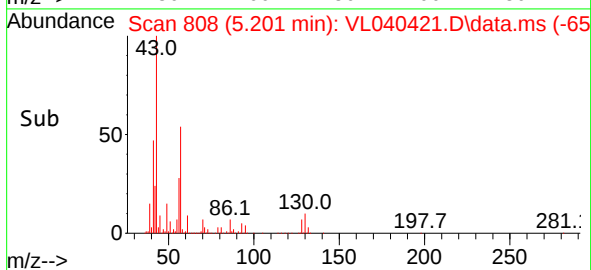
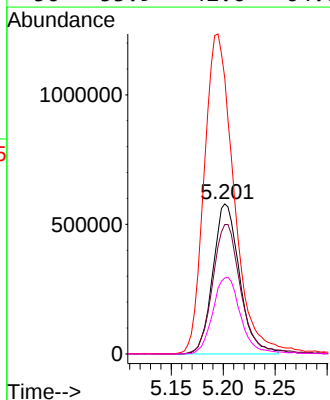
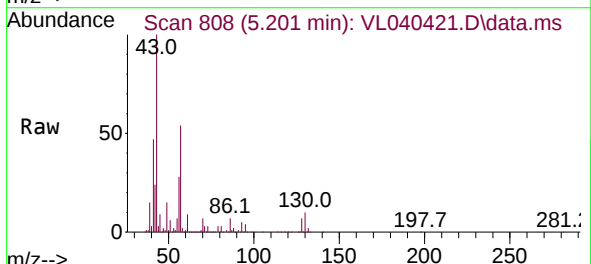
Manual Integrations
APPROVED

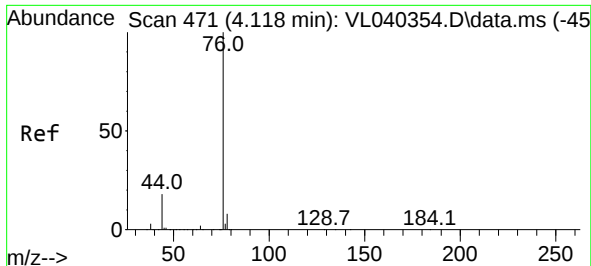
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#26
Hexane
Concen: 9.792 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

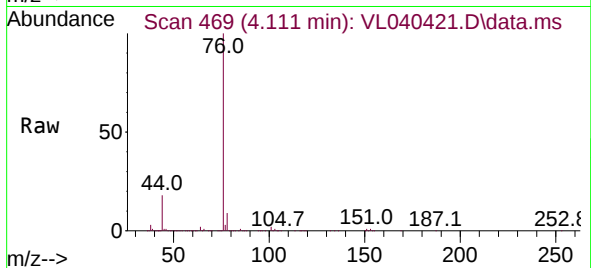
Tgt Ion: 57 Resp: 1030085
Ion Ratio Lower Upper
57 100
41 92.6 74.8 112.2
43 241.0 192.7 289.1
56 53.9 42.6 64.0





#27
Carbon Disulfide
Concen: 10.486 ppbv
RT: 4.111 min Scan# 40
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

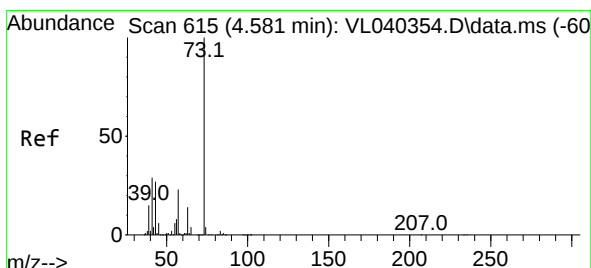
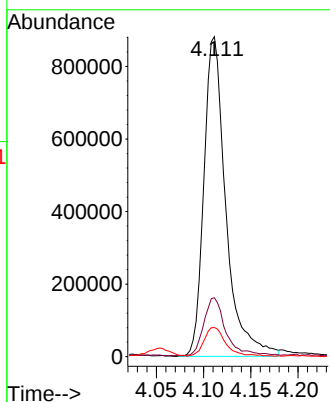
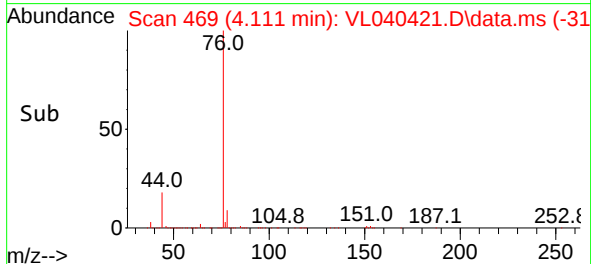
Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01



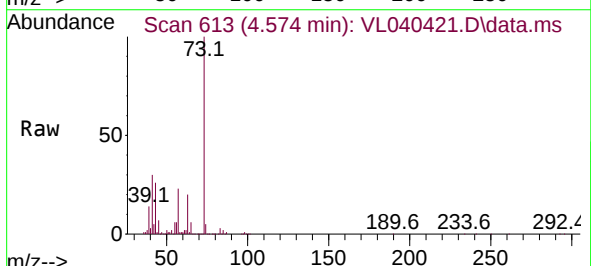
Tgt Ion: 76 Resp: 142756
Ion Ratio Lower Upper
76 100
44 18.2 14.7 22.1
78 9.3 7.7 11.5

Manual Integrations
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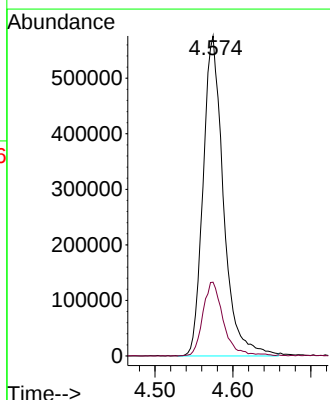
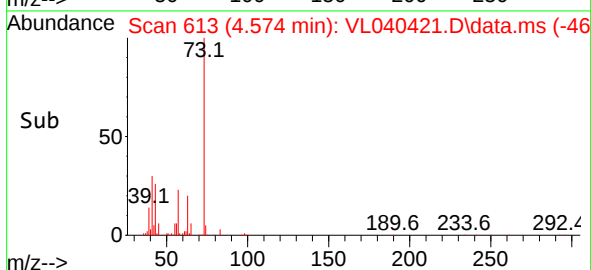
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

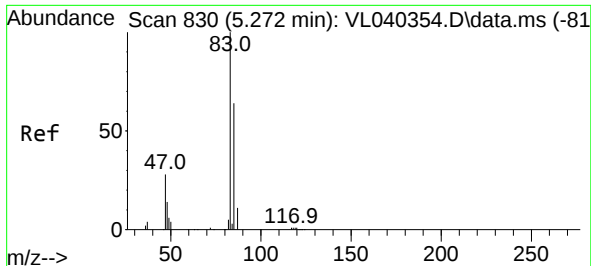


#28
Methyl tert-Butyl Ether
Concen: 9.639 ppbv
RT: 4.574 min Scan# 613
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48



Tgt Ion: 73 Resp: 1046757
Ion Ratio Lower Upper
73 100
57 23.5 18.6 27.8





#29

Chloroform

Concen: 9.584 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL040421.D

Acq: 12 May 2023 16:48

Instrument :

MSVOA_L

ClientSampleId :

VL0512ABS01

Tgt Ion: 83 Resp: 179606

Ion Ratio Lower Upper

83 100

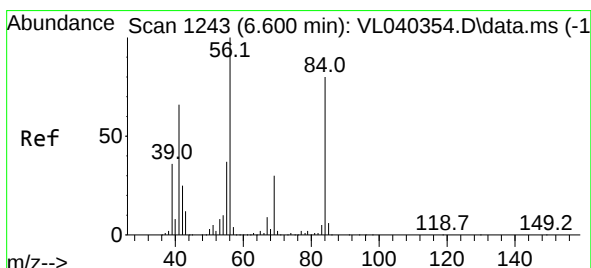
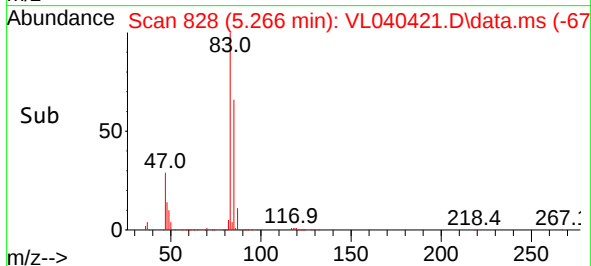
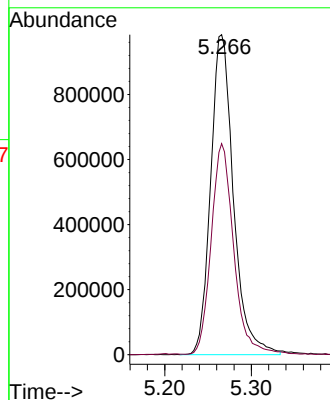
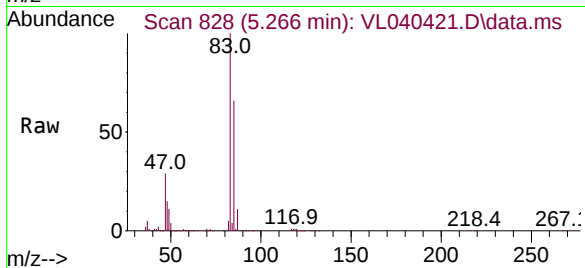
85 65.8 51.0 76.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#30

Cyclohexane

Concen: 10.517 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.006 min

Lab File: VL040421.D

Acq: 12 May 2023 16:48

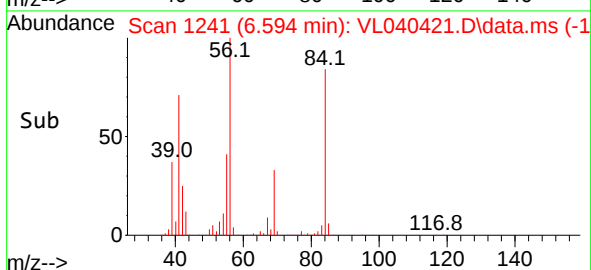
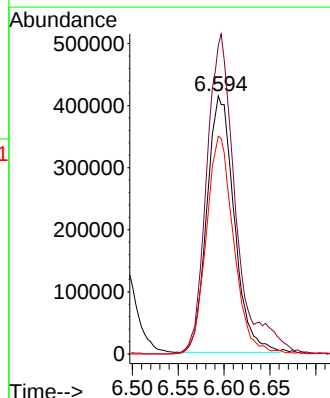
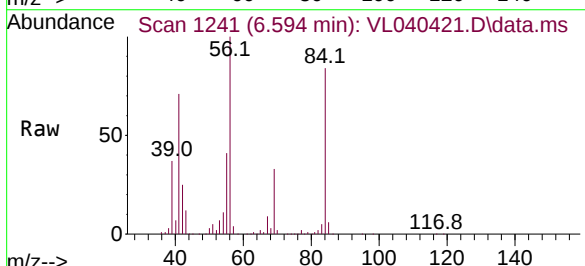
Tgt Ion: 84 Resp: 856880

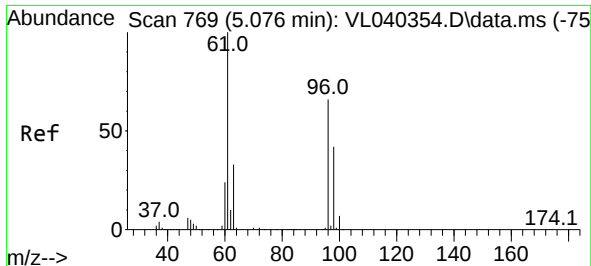
Ion Ratio Lower Upper

84 100

56 132.9 107.0 160.6

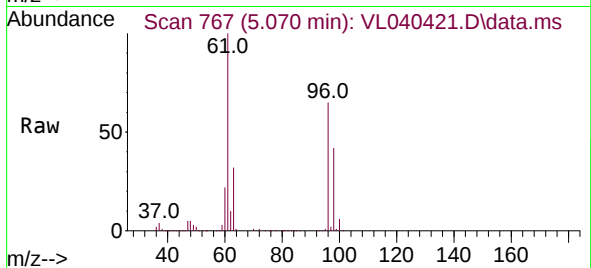
41 85.5 66.7 100.1





#31
 cis-1,2-Dichloroethene
 Concen: 10.222 ppbv
 RT: 5.070 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VL040421.D
 Acq: 12 May 2023 16:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0512ABS01

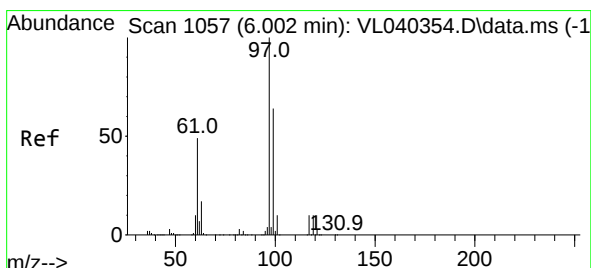
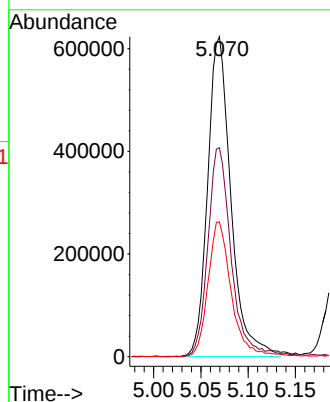
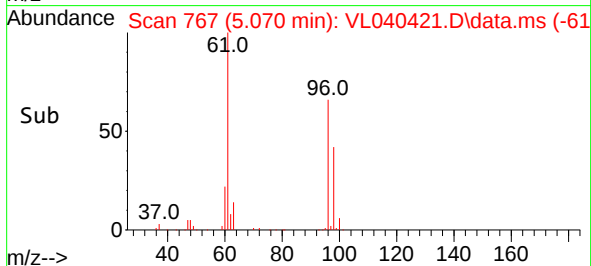


Tgt Ion: 61 Resp: 1065814

Ion	Ratio	Lower	Upper
61	100		
96	65.3	53.0	79.4
98	42.2	33.8	50.8

Manual Integrations
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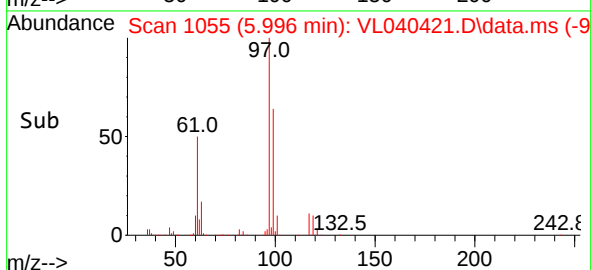
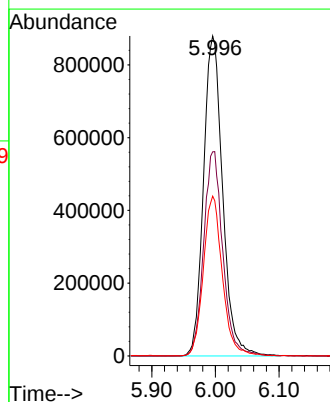
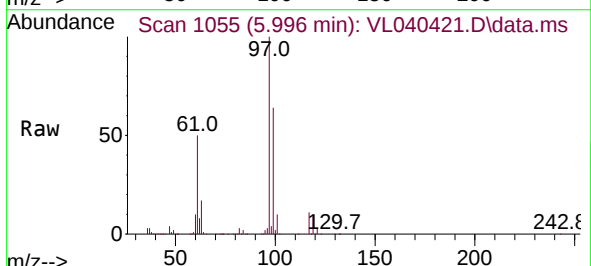
Reviewed By :Semsettin Yesilyurt 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023

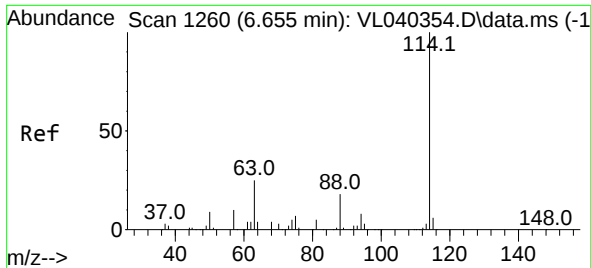


#32
 1,1,1-Trichloroethane
 Concen: 10.081 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VL040421.D
 Acq: 12 May 2023 16:48

Tgt Ion: 97 Resp: 1835541

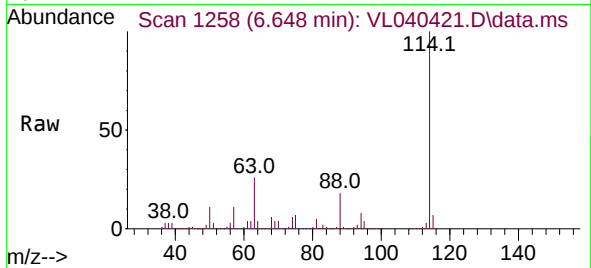
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.8	77.8
61	49.6	40.4	60.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 114
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

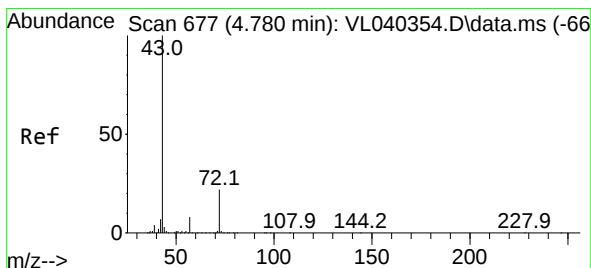
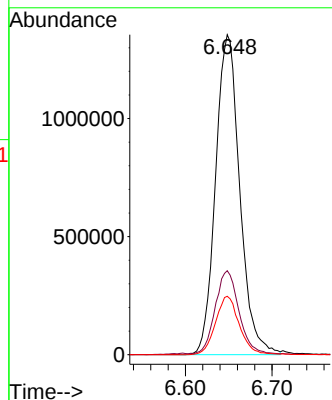
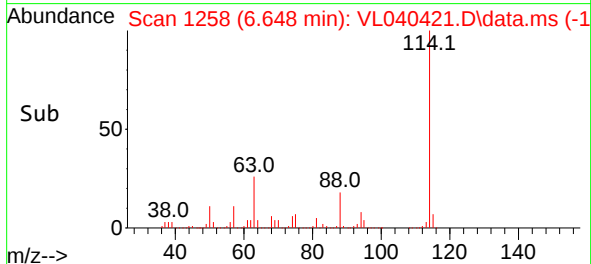
Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01



Tgt Ion:114 Resp: 2630229
Ion Ratio Lower Upper
114 100
63 26.5 21.4 32.0
88 18.1 14.6 22.0

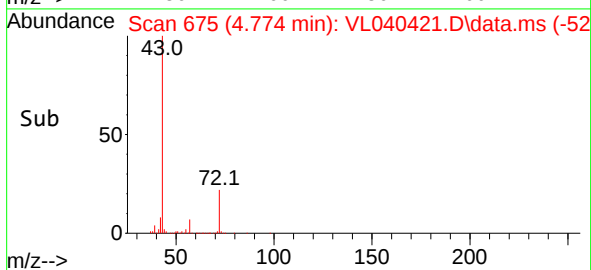
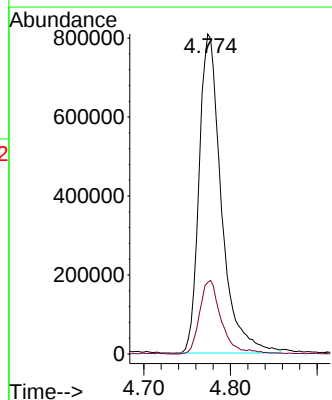
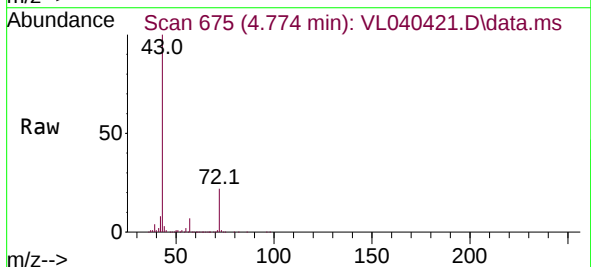
Manual Integrations
APPROVED

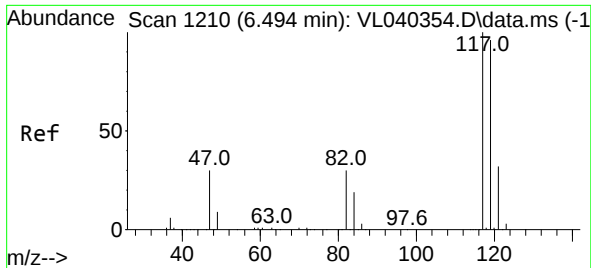
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#34
2-Butanone
Concen: 10.177 ppbv
RT: 4.774 min Scan# 675
Delta R.T. -0.006 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

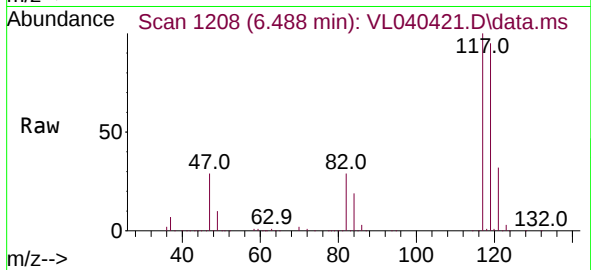
Tgt Ion: 43 Resp: 1443367
Ion Ratio Lower Upper
43 100
72 22.7 18.4 27.6





#35
Carbon Tetrachloride
Concen: 10.085 ppbv
RT: 6.488 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

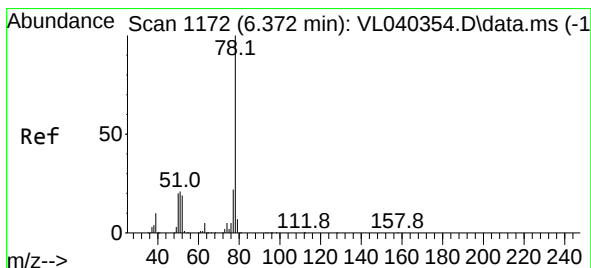
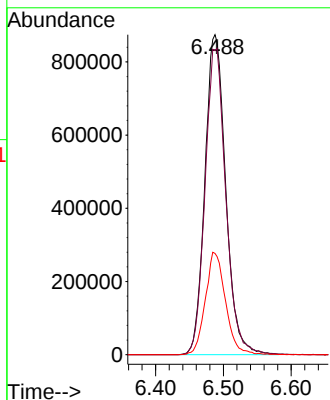
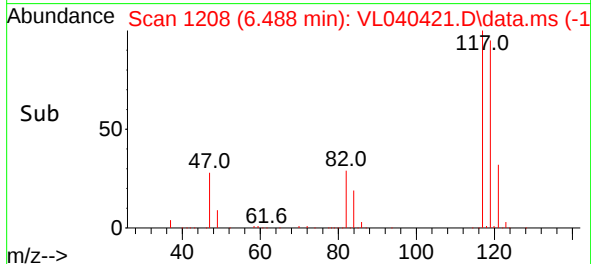
Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01



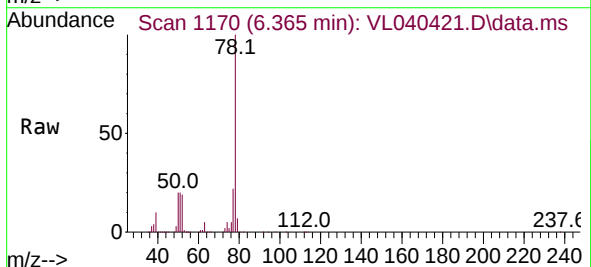
Tgt Ion: 117 Resp: 1867170
Ion Ratio Lower Upper
117 100
119 95.0 76.6 114.8
121 31.7 25.3 37.9

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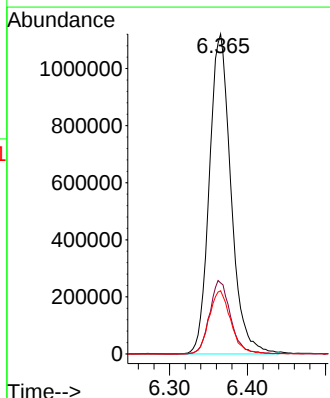
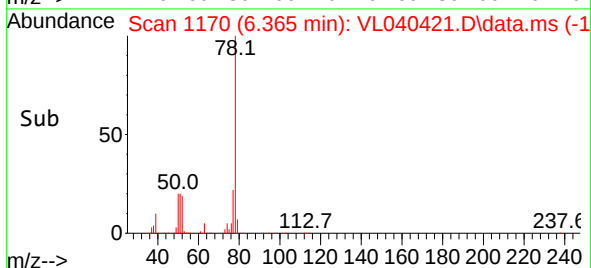
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

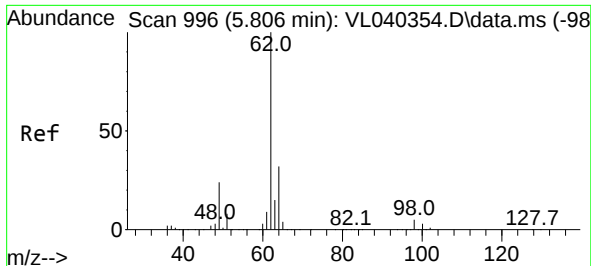


#36
Benzene
Concen: 10.070 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48



Tgt Ion: 78 Resp: 2160939
Ion Ratio Lower Upper
78 100
77 22.2 17.8 26.8
50 19.7 15.6 23.4





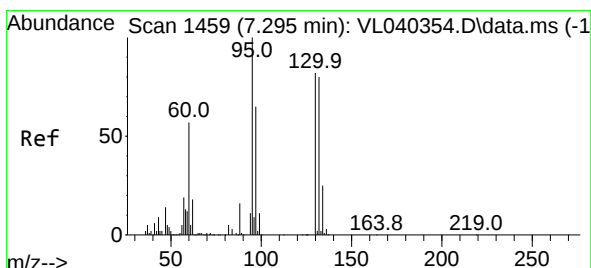
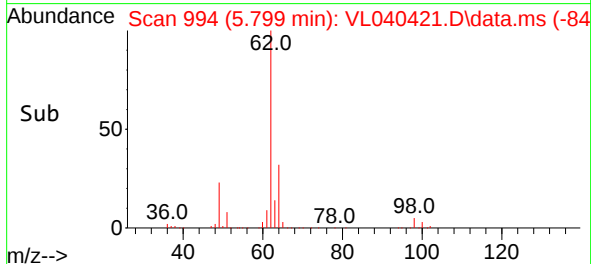
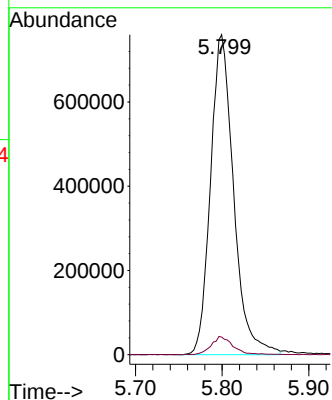
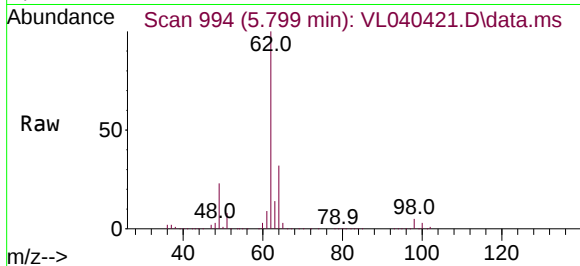
#37
1,2-Dichloroethane
Concen: 9.989 ppbv
RT: 5.799 min Scan# 996
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01

Tgt Ion: 62 Resp: 1408072
Ion Ratio Lower Upper
62 100
98 5.4 4.4 6.6

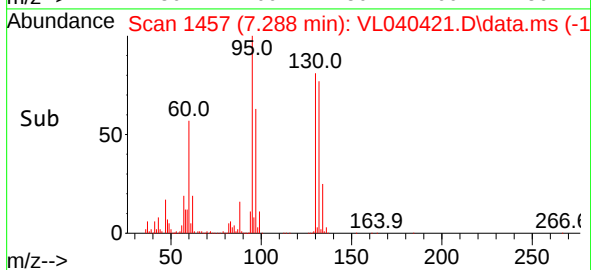
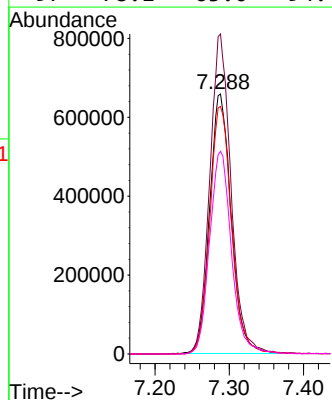
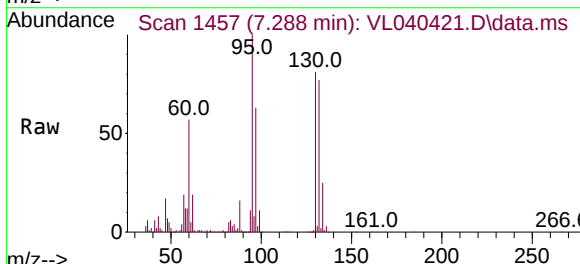
Manual Integrations
APPROVED

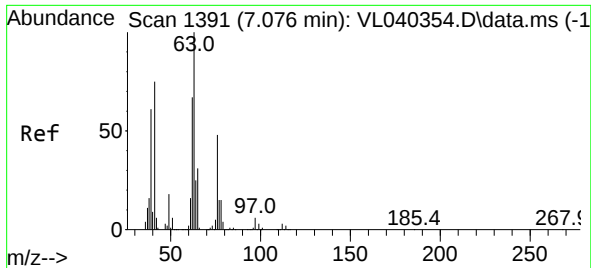
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#38
Trichloroethene
Concen: 10.866 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

Tgt Ion:130 Resp: 1327073
Ion Ratio Lower Upper
130 100
95 123.3 97.4 146.0
132 95.4 77.5 116.3
97 78.1 63.0 94.4





#39

1,2-Dichloropropane

Concen: 9.866 ppbv

RT: 7.069 min Scan# 11

Delta R.T. -0.007 min

Lab File: VL040421.D

Acq: 12 May 2023 16:48

Instrument :

MSVOA_L

ClientSampleId :

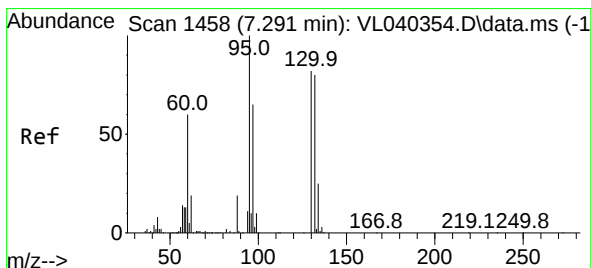
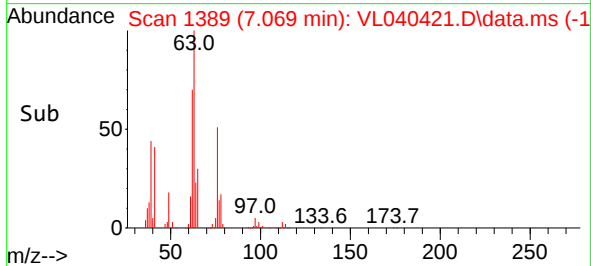
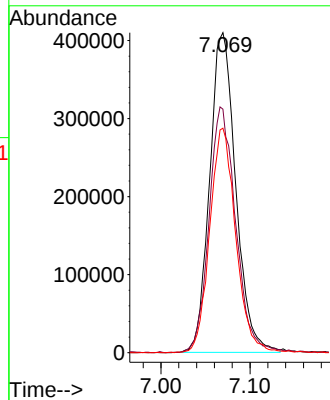
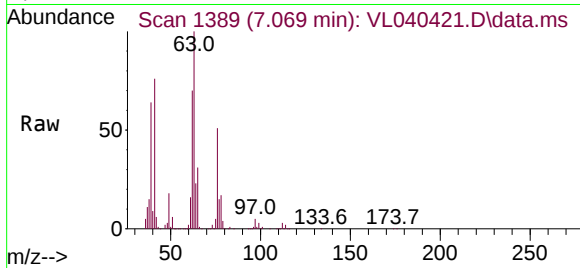
VL0512ABS01

Tgt Ion: 63	Resp: 83305
Ion Ratio	Lower Upper
63 100	
41 76.0	59.6 89.4
62 70.1	53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#40

1,4-Dioxane

Concen: 9.772 ppbv

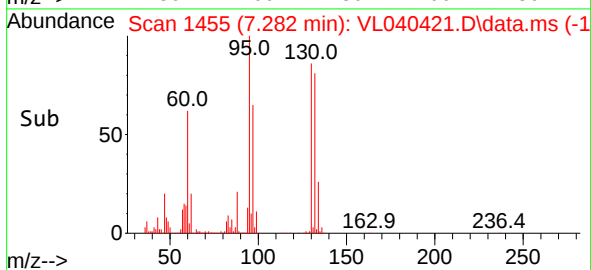
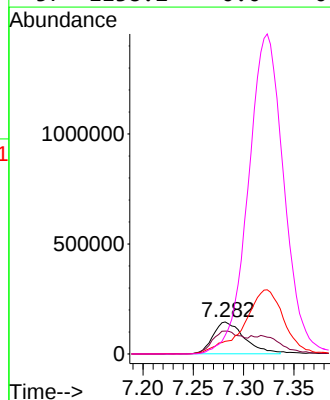
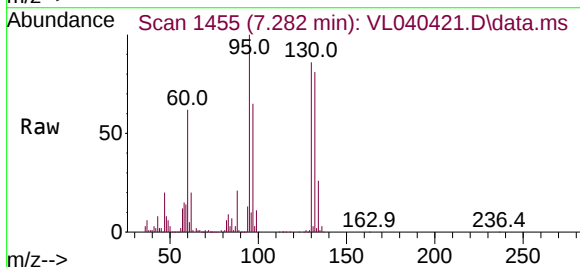
RT: 7.282 min Scan# 1455

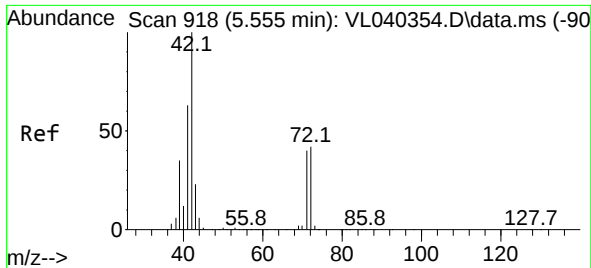
Delta R.T. -0.009 min

Lab File: VL040421.D

Acq: 12 May 2023 16:48

Tgt Ion: 88	Resp: 316009		
Ion	Ratio	Lower	Upper
88	100		
58	126.6	100.8	151.2
43	255.0	0.0	0.0#
57	1138.2	0.0	0.0#





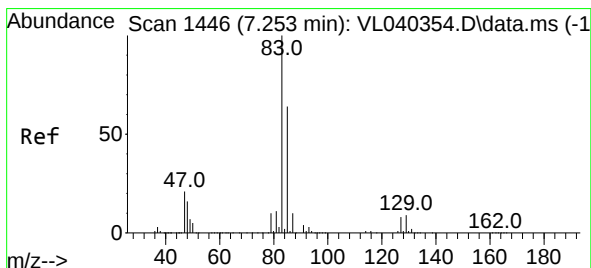
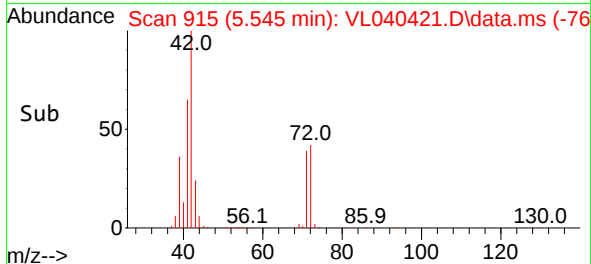
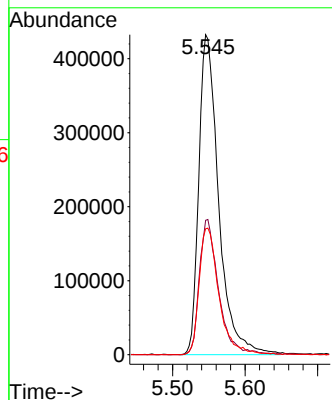
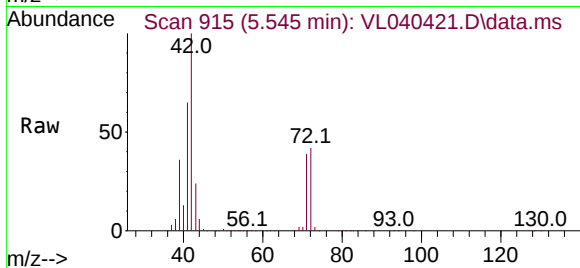
#41
Tetrahydrofuran
Concen: 10.593 ppbv
RT: 5.545 min Scan# 918
Delta R.T. -0.010 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01

Tgt Ion: 42 Resp: 822812
Ion Ratio Lower Upper
42 100
72 41.2 33.7 50.5
71 39.6 32.2 48.2

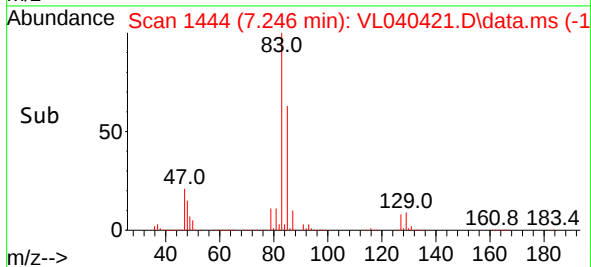
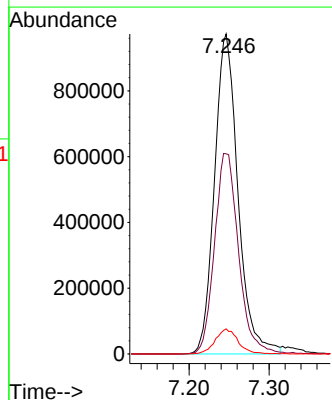
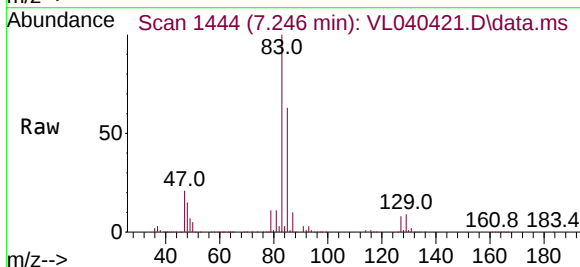
Manual Integrations
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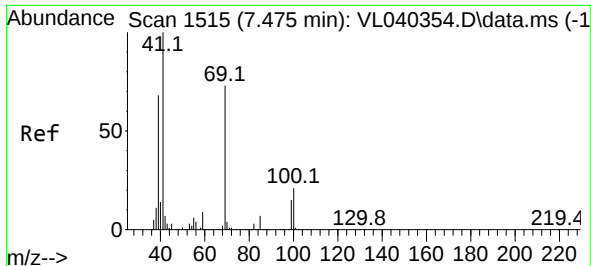
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#42
Bromodichloromethane
Concen: 10.311 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

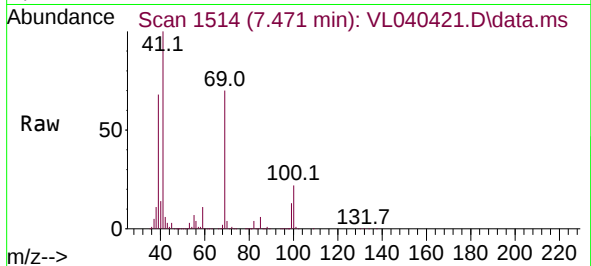
Tgt Ion: 83 Resp: 1984809
Ion Ratio Lower Upper
83 100
85 62.6 50.9 76.3
127 7.9 6.4 9.6





#43
Methyl Methacrylate
Concen: 11.053 ppbv
RT: 7.471 min Scan# 11
Delta R.T. -0.004 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

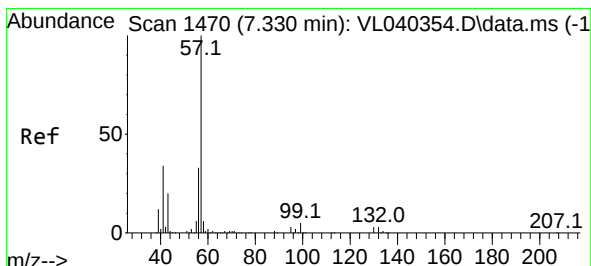
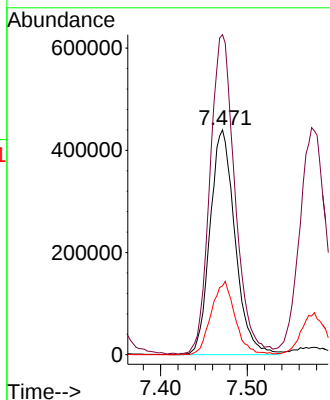
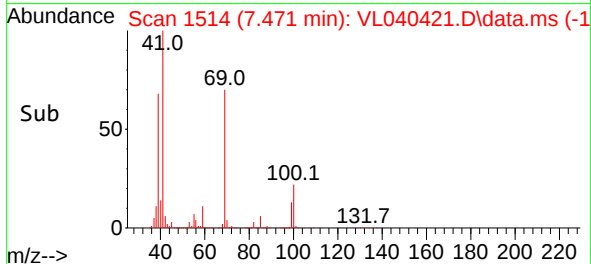
Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01



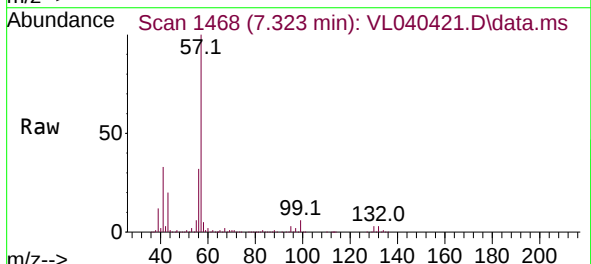
Tgt Ion: 69 Resp: 88099
Ion Ratio Lower Upper
69 100
41 142.8 114.3 171.5
100 31.3 24.5 36.7

Manual Integrations
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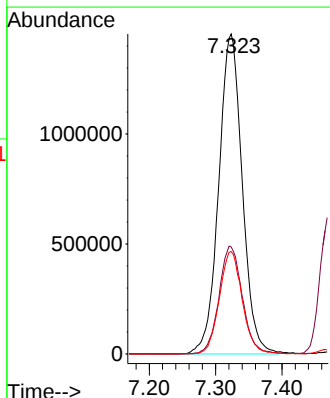
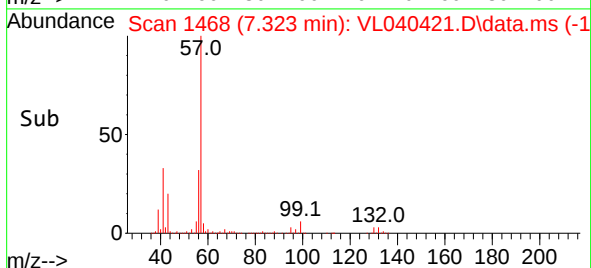
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

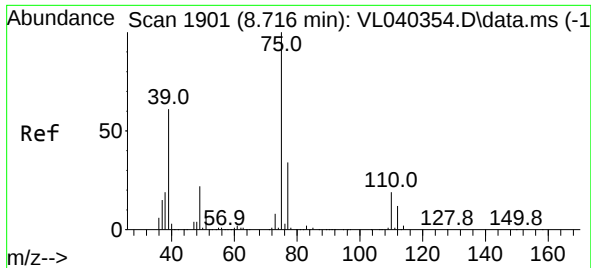


#44
2,2,4-Trimethylpentane
Concen: 10.004 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48



Tgt Ion: 57 Resp: 3585864
Ion Ratio Lower Upper
57 100
41 33.5 26.9 40.3
56 31.3 25.1 37.7





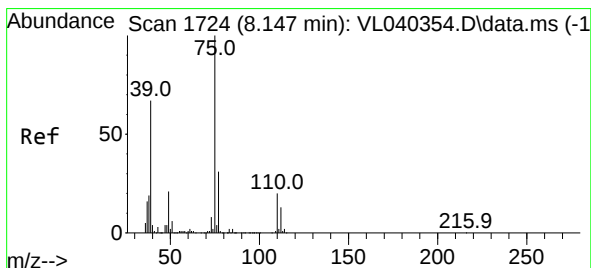
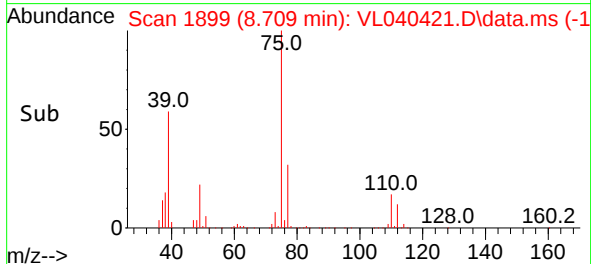
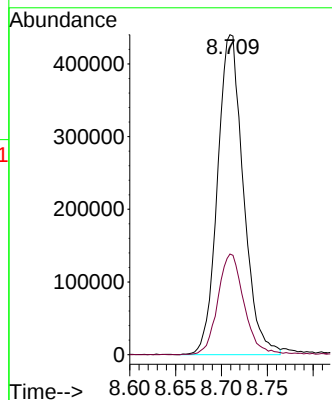
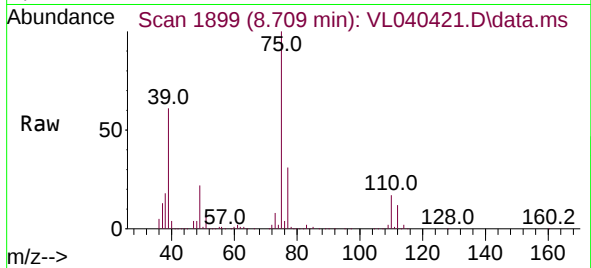
#45
t-1,3-Dichloropropene
Concen: 12.125 ppbv
RT: 8.709 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01

Tgt Ion: 75 Resp: 863220
Ion Ratio Lower Upper
75 100
77 31.5 26.8 40.2

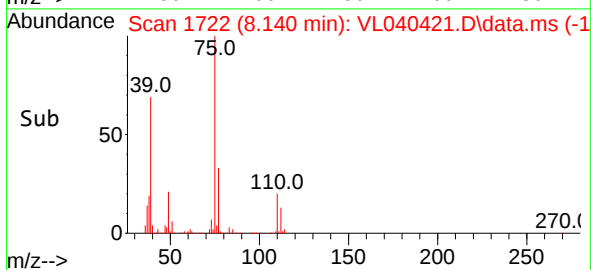
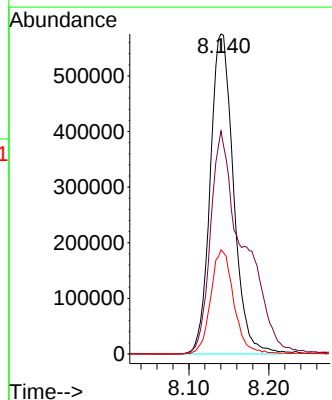
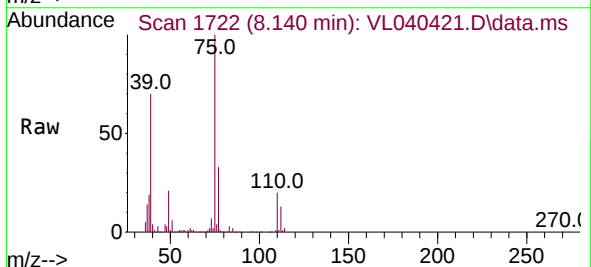
Manual Integrations
APPROVED

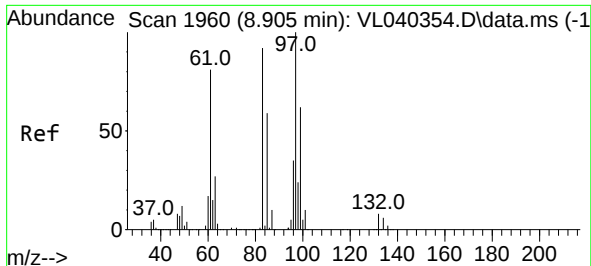
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#46
cis-1,3-Dichloropropene
Concen: 11.743 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

Tgt Ion: 75 Resp: 1163728
Ion Ratio Lower Upper
75 100
39 69.6 53.4 80.2
77 32.5 24.7 37.1





#47

1,1,2-Trichloroethane

Concen: 9.962 ppbv

RT: 8.899 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VL040421.D

Acq: 12 May 2023 16:48

Instrument :

MSVOA_L

ClientSampleId :

VL0512ABS01

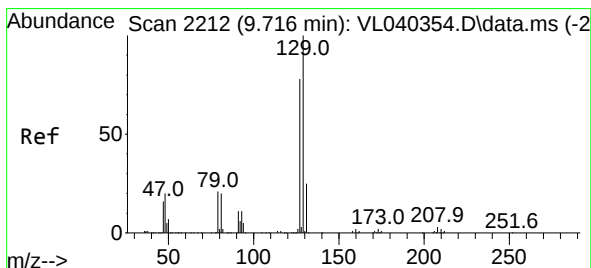
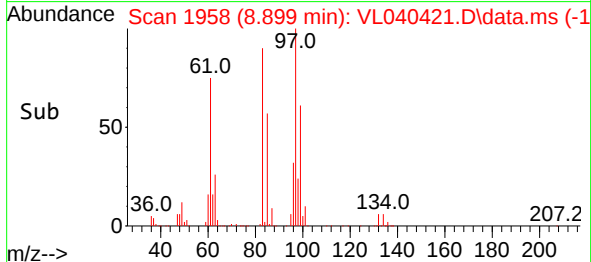
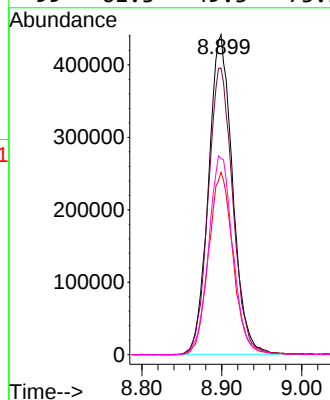
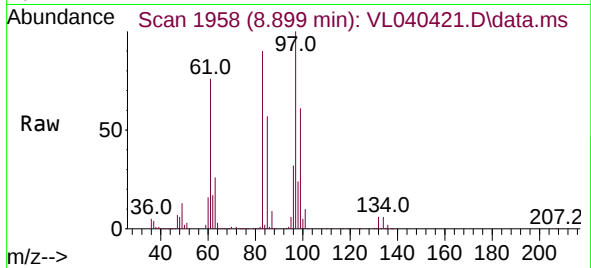
Tgt Ion:	97	Resp:	922229
Ion	Ratio	Lower	Upper
97	100		
83	89.6	73.3	109.9
85	56.9	46.9	70.3
99	61.3	49.3	73.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#48

Dibromochloromethane

Concen: 10.805 ppbv

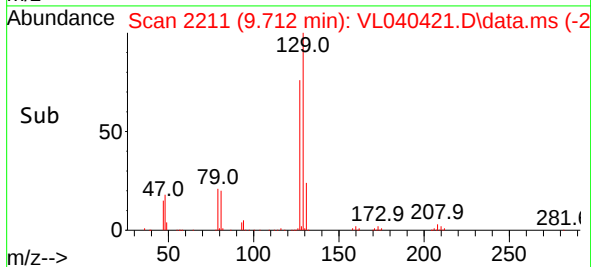
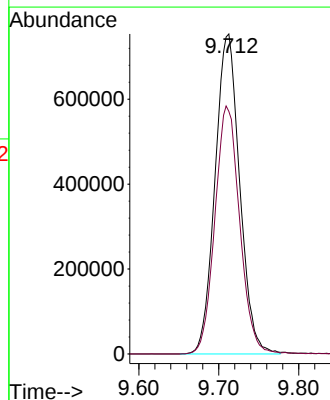
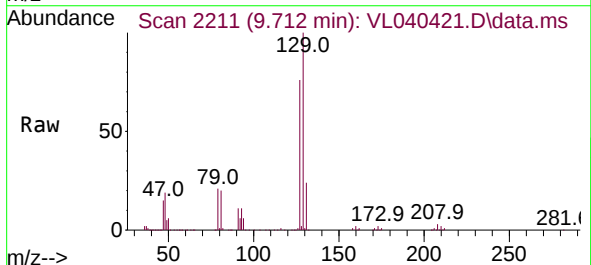
RT: 9.712 min Scan# 2211

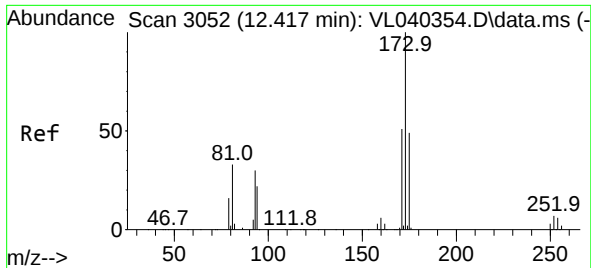
Delta R.T. -0.004 min

Lab File: VL040421.D

Acq: 12 May 2023 16:48

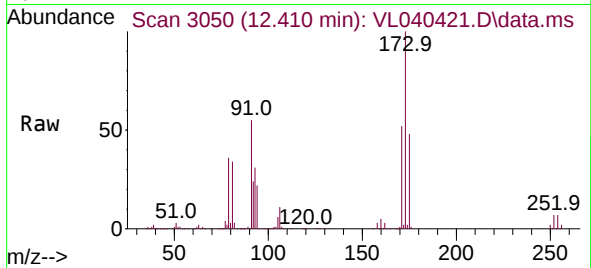
Tgt Ion:	129	Resp:	1611050
Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.2	117.6





#49
Bromoform
Concen: 11.209 ppbv
RT: 12.410 min Scan# 3052
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

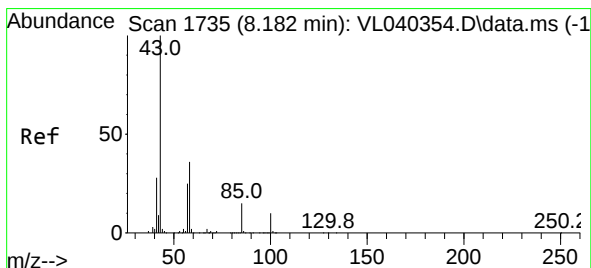
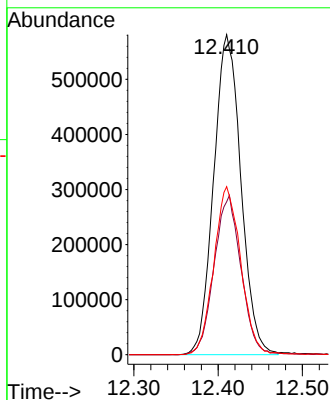
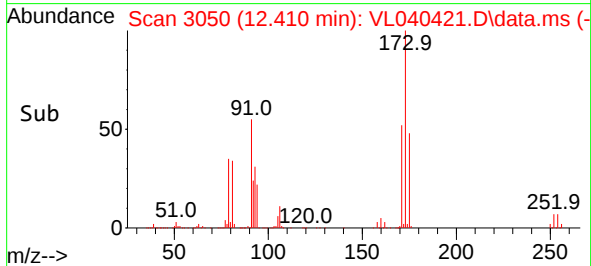
Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01



Tgt Ion:173 Resp: 1303472
Ion Ratio Lower Upper
173 100
175 49.3 39.8 59.8
171 52.1 42.2 63.2

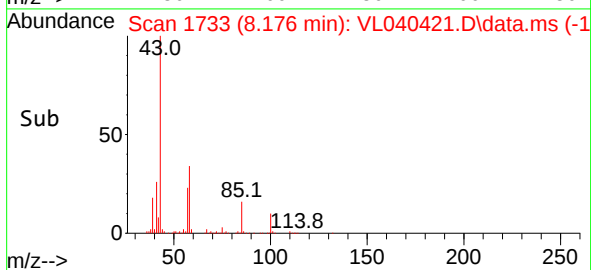
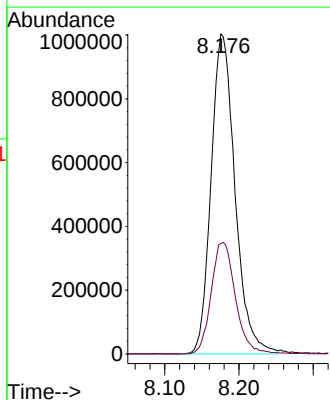
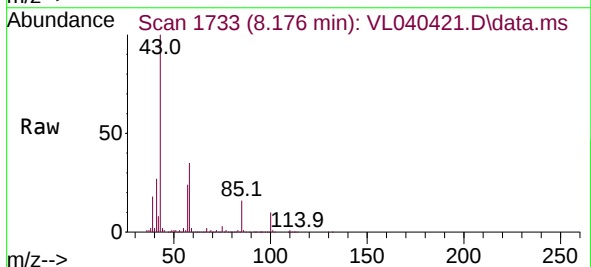
Manual Integrations
APPROVED

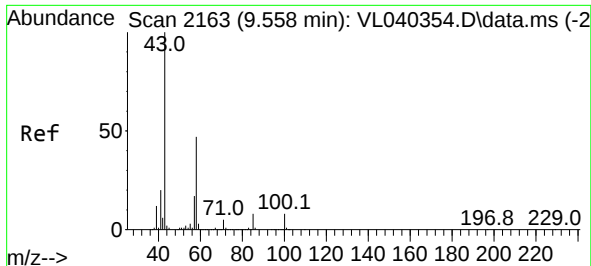
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#50
4-Methyl-2-Pentanone
Concen: 10.445 ppbv
RT: 8.176 min Scan# 1733
Delta R.T. -0.006 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

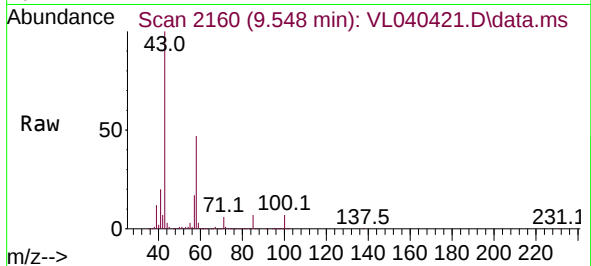
Tgt Ion: 43 Resp: 2246270
Ion Ratio Lower Upper
43 100
58 35.5 28.6 43.0





#51
2-Hexanone
Concen: 11.002 ppbv
RT: 9.548 min Scan# 2163
Delta R.T. -0.010 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

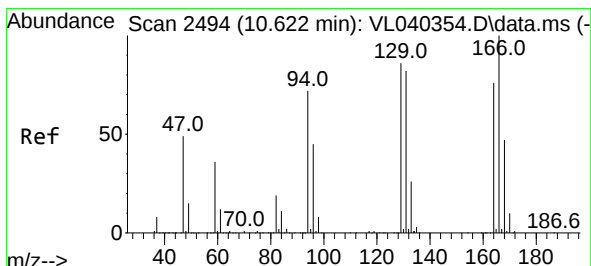
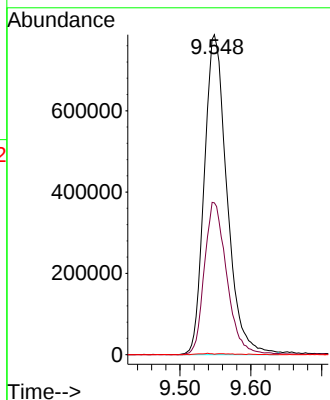
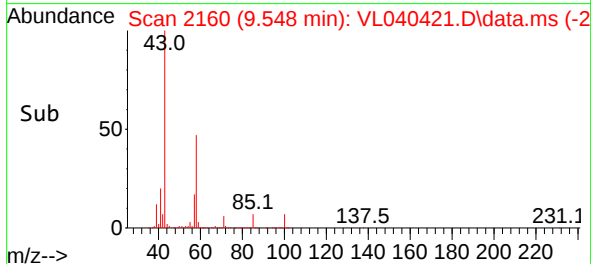
Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01



Tgt Ion: 43 Resp: 1748250
Ion Ratio Lower Upper
43 100
58 47.3 38.3 57.5
98 0.6 0.4 0.6

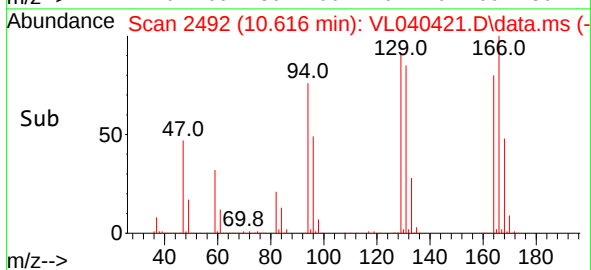
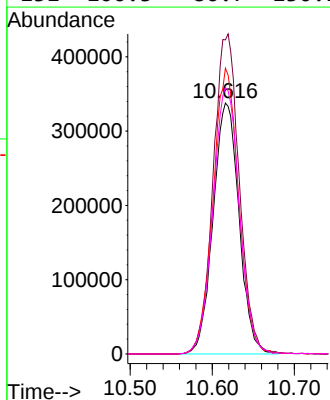
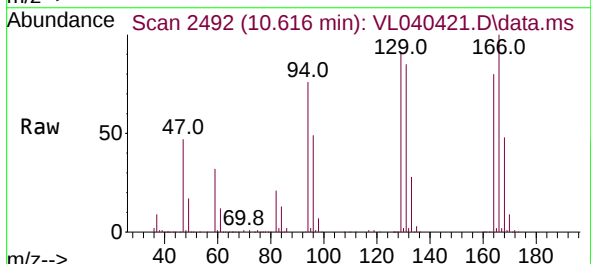
Manual Integrations
APPROVED

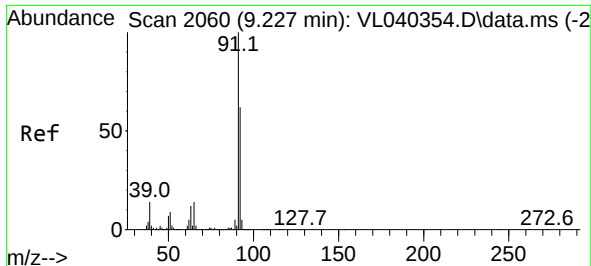
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#52
Tetrachloroethene
Concen: 11.041 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. -0.006 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

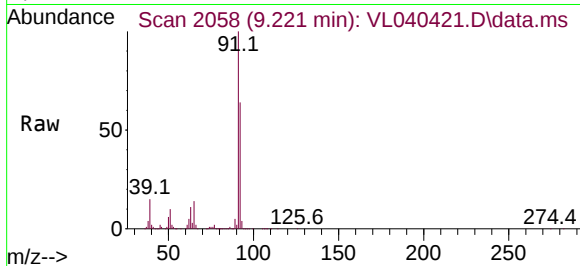
Tgt Ion:164 Resp: 741133
Ion Ratio Lower Upper
164 100
166 125.2 105.2 157.8
129 113.9 90.3 135.5
131 106.3 86.7 130.1





#53
Toluene
Concen: 10.921 ppbv
RT: 9.221 min Scan# 2060
Delta R.T. -0.006 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

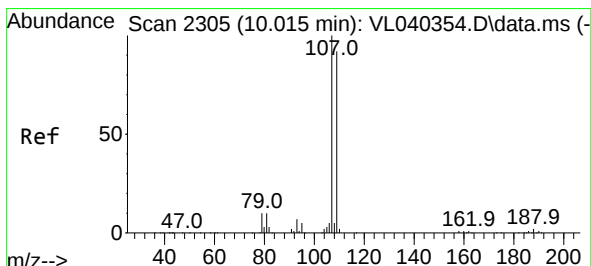
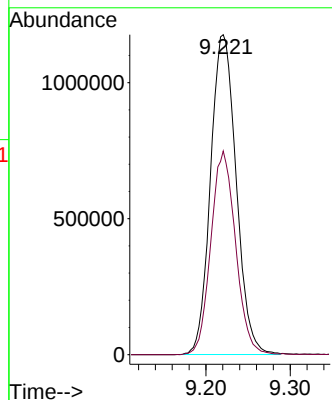
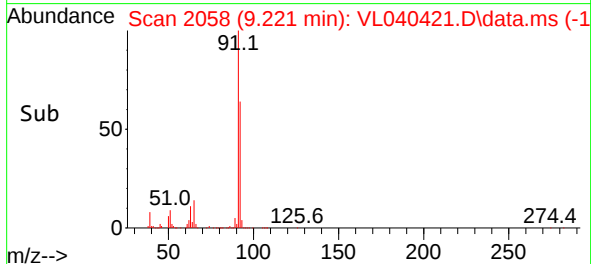
Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01



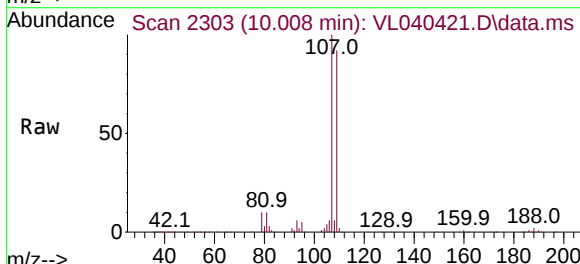
Tgt Ion: 91 Resp: 248452
Ion Ratio Lower Upper
91 100
92 61.6 48.9 73.3

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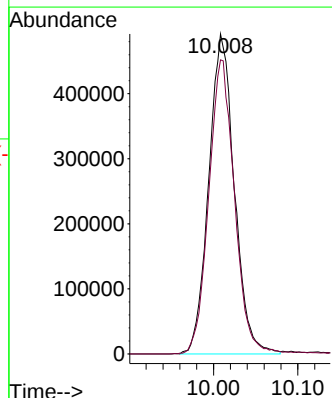
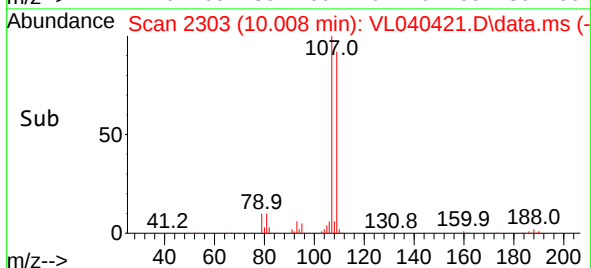
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

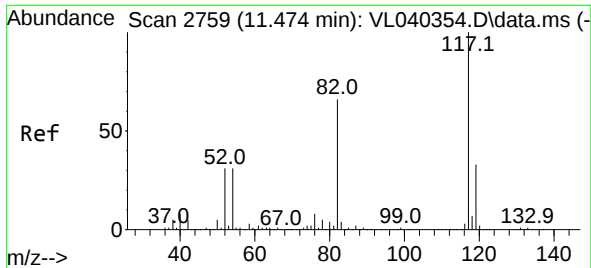


#54
1,2-Dibromoethane
Concen: 11.049 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48



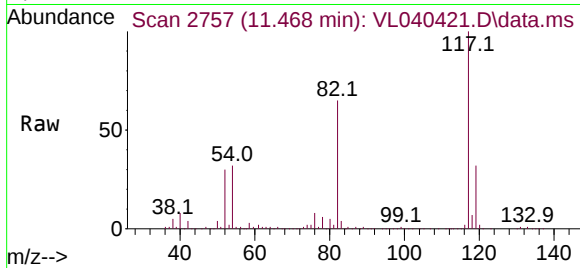
Tgt Ion:107 Resp: 1037085
Ion Ratio Lower Upper
107 100
109 91.7 73.6 110.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

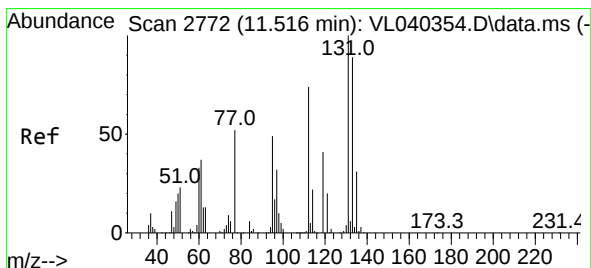
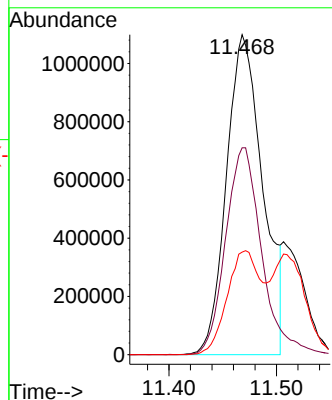
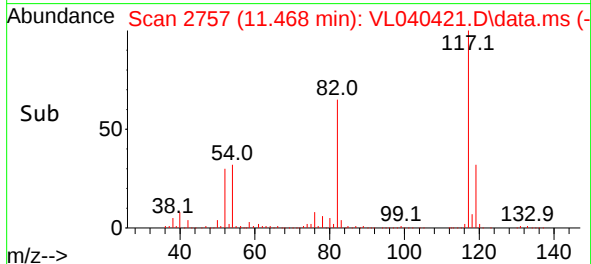
Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01



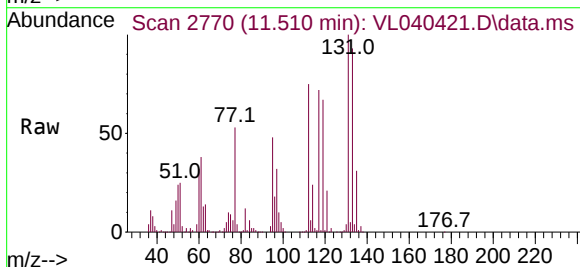
Tgt Ion:117 Resp: 258096
Ion Ratio Lower Upper
117 100
82 64.7 52.5 78.7
119 32.3 24.3 36.5

Manual Integrations
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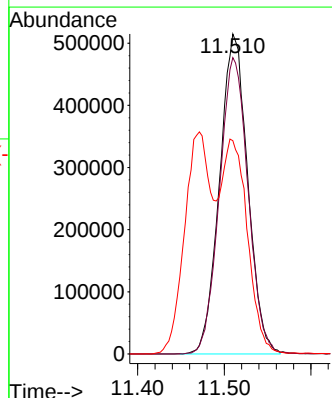
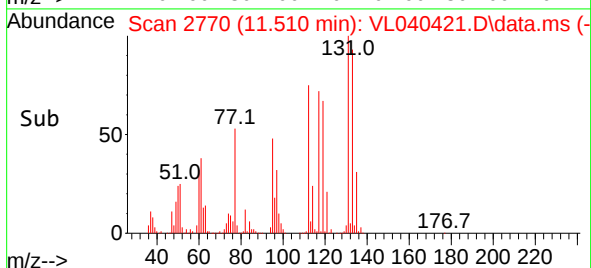
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

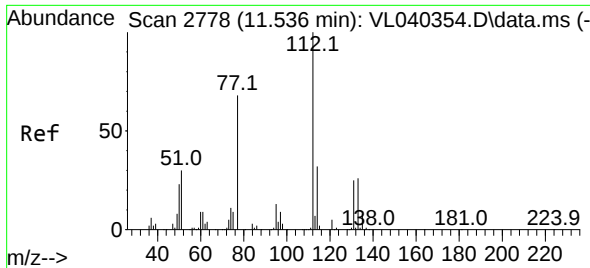


#56
1,1,1,2-Tetrachloroethane
Concen: 9.853 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. -0.006 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48



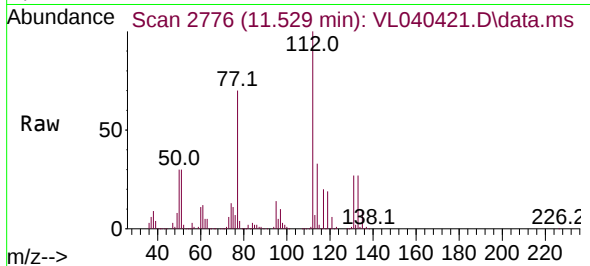
Tgt Ion:131 Resp: 1160748
Ion Ratio Lower Upper
131 100
133 94.5 75.3 112.9
119 59.3 53.9 80.9





#57
Chlorobenzene
Concen: 9.619 ppbv
RT: 11.529 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

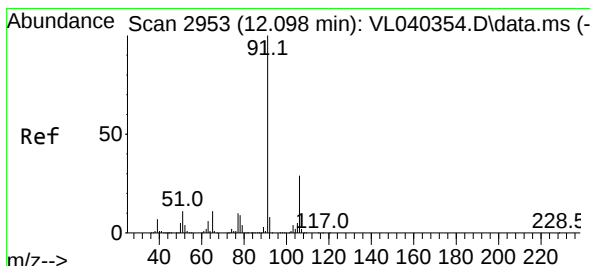
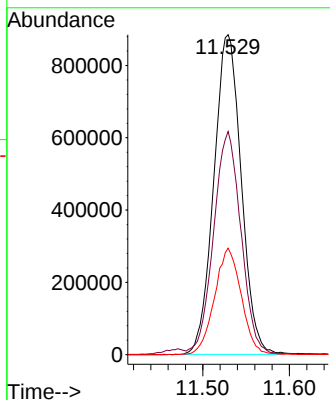
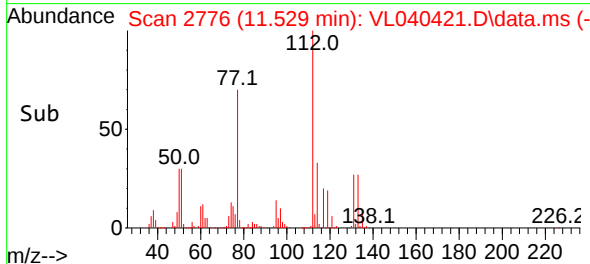
Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01



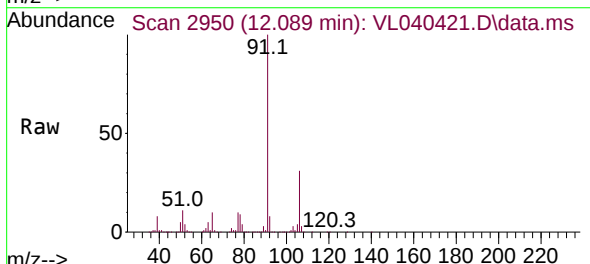
Tgt Ion: 112 Resp: 1943794
Ion Ratio Lower Upper
112 100
77 69.4 55.8 83.8
114 33.3 29.1 35.5

Manual Integrations
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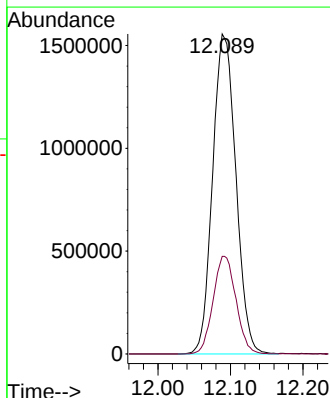
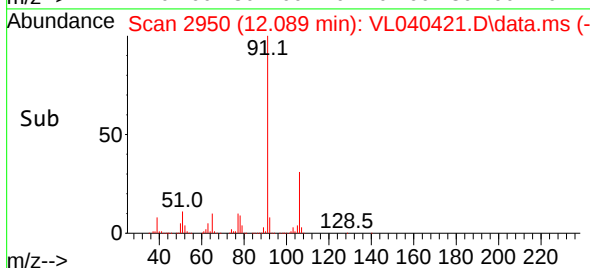
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

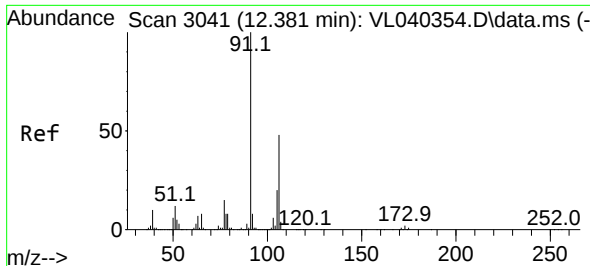


#58
Ethyl Benzene
Concen: 10.911 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. -0.009 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48



Tgt Ion: 91 Resp: 3464273
Ion Ratio Lower Upper
91 100
106 30.5 23.5 35.3





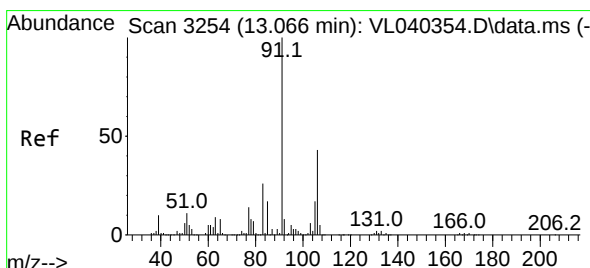
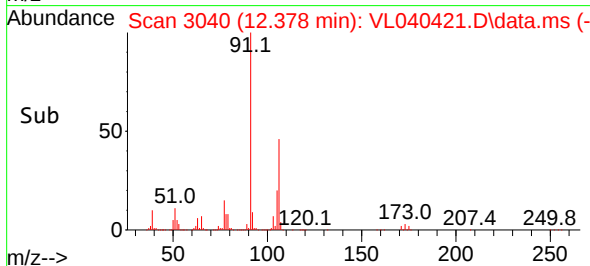
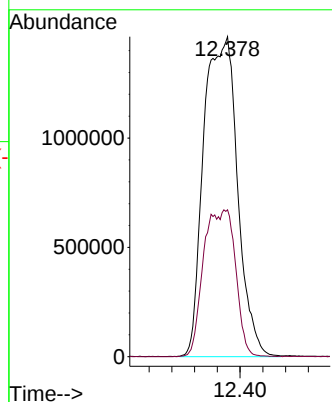
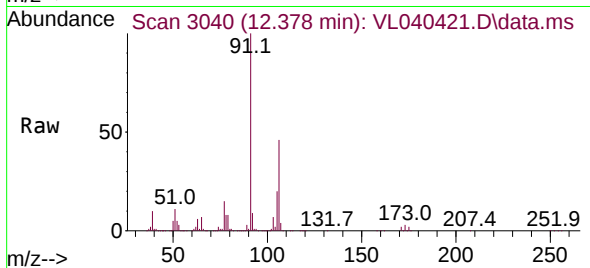
#59
m/p-Xylene
Concen: 20.678 ppbv m
RT: 12.378 min Scan# 3040
Delta R.T. -0.003 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01

Tgt Ion: 91 Resp: 6037439
Ion Ratio Lower Upper
91 100
106 43.5 34.7 52.1

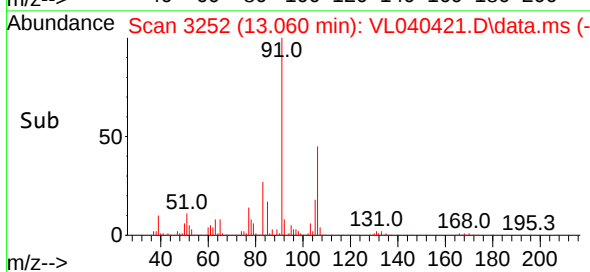
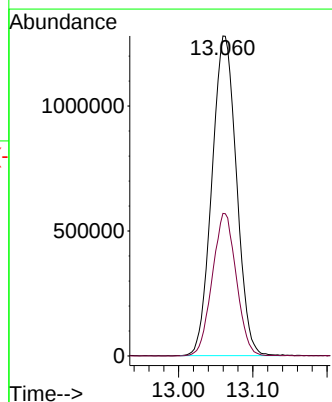
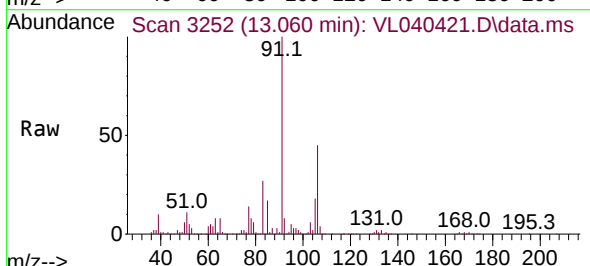
Manual Integrations
APPROVED

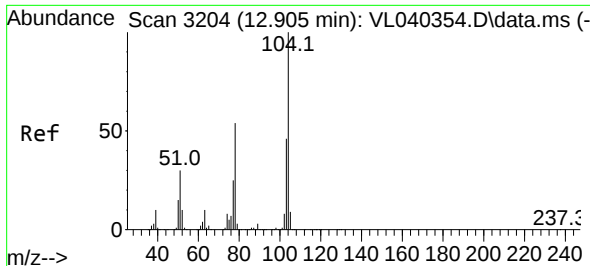
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#60
o-Xylene
Concen: 10.489 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. -0.006 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

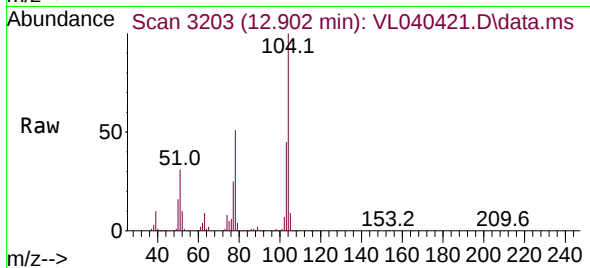
Tgt Ion: 91 Resp: 2939307
Ion Ratio Lower Upper
91 100
106 43.8 21.9 65.8





#61
Styrene
Concen: 11.911 ppbv
RT: 12.902 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

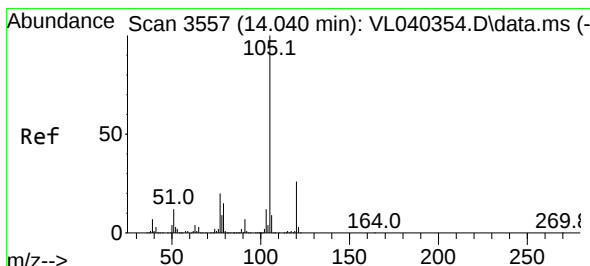
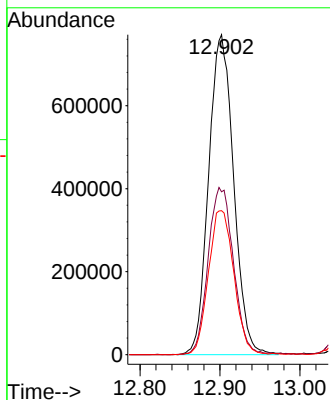
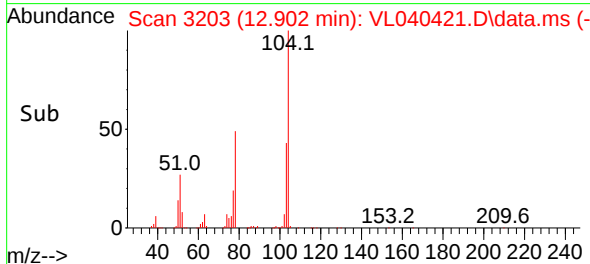
Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01



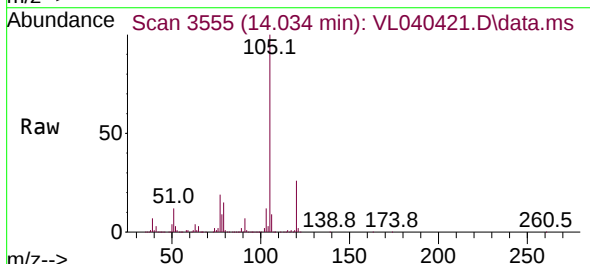
Tgt Ion:104 Resp: 167186
Ion Ratio Lower Upper
104 100
78 53.4 43.4 65.0
103 46.2 37.0 55.4

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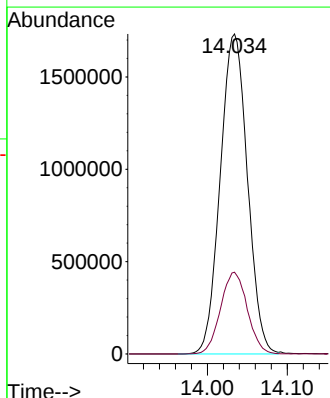
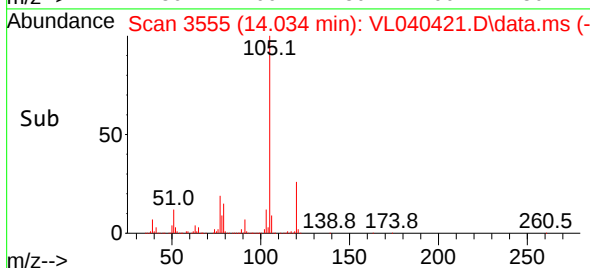
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

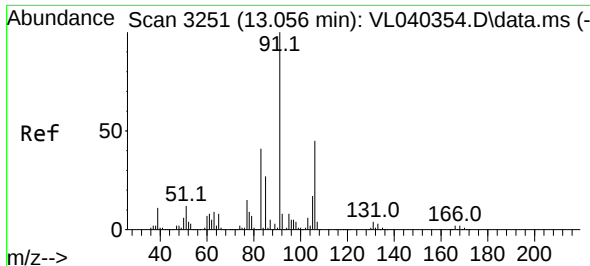


#62
Isopropylbenzene
Concen: 10.127 ppbv
RT: 14.034 min Scan# 3555
Delta R.T. -0.006 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48



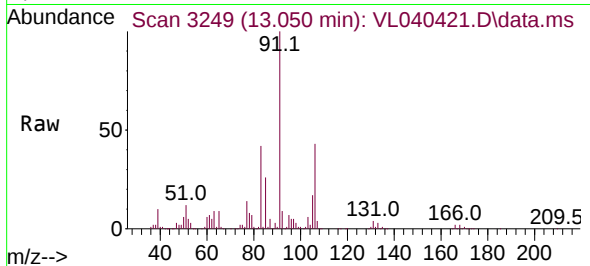
Tgt Ion:105 Resp: 4086516
Ion Ratio Lower Upper
105 100
120 25.2 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 8.957 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

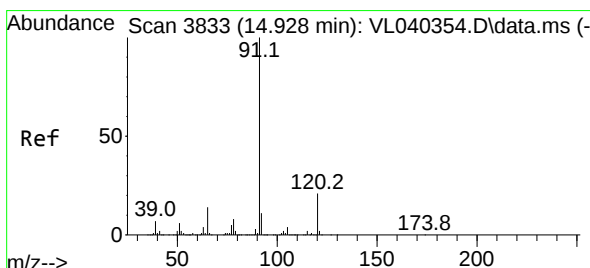
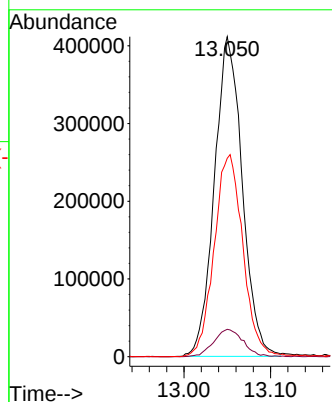
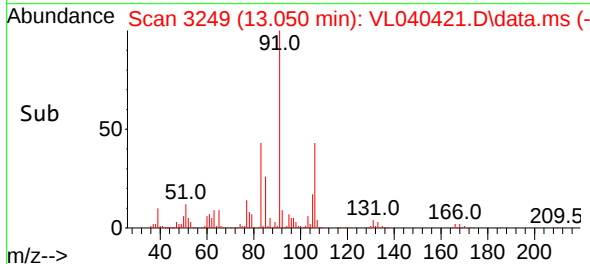
Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01



Tgt Ion: 83 Resp: 91854
Ion Ratio Lower Upper
83 100
131 9.2 4.3 13.1
85 65.8 32.9 98.6

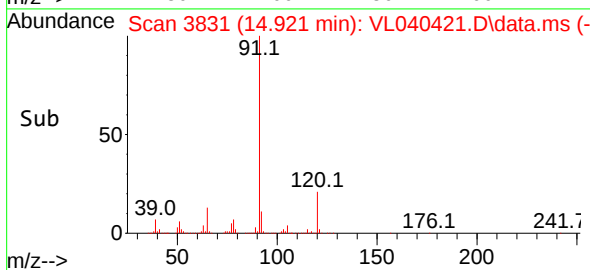
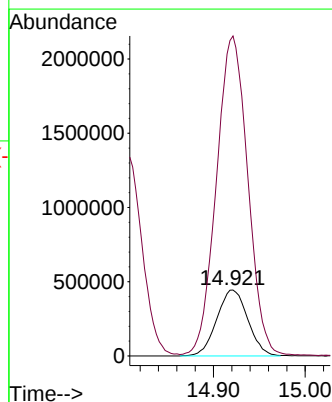
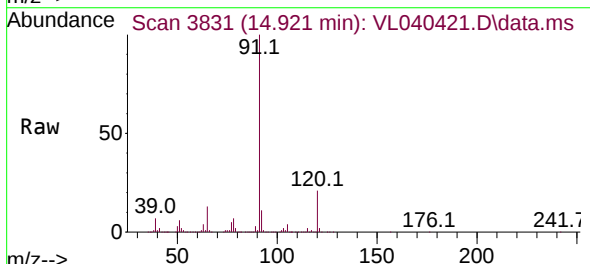
Manual Integrations
APPROVED

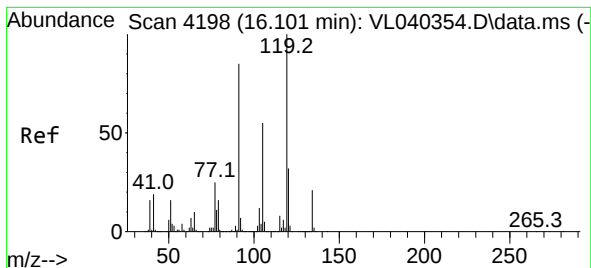
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#64
n-propylbenzene
Concen: 10.515 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

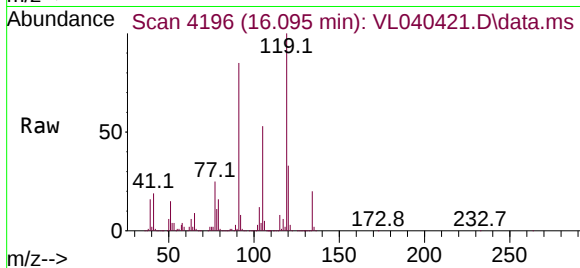
Tgt Ion:120 Resp: 1044091
Ion Ratio Lower Upper
120 100
91 492.3 397.4 596.0





#65
tert-Butylbenzene
Concen: 10.093 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. -0.006 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

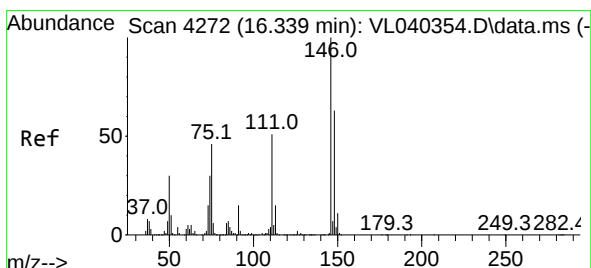
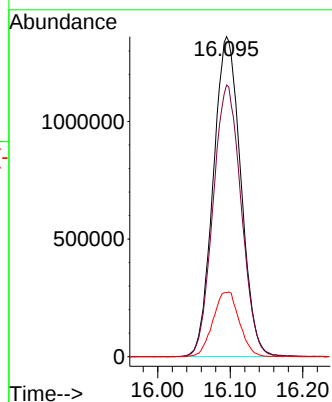
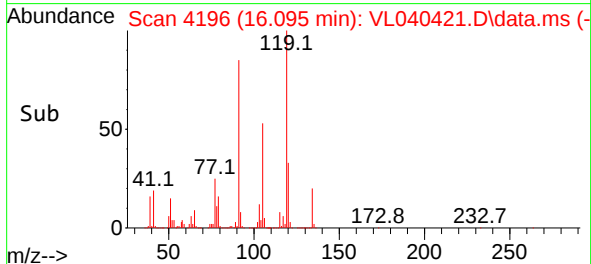
Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01



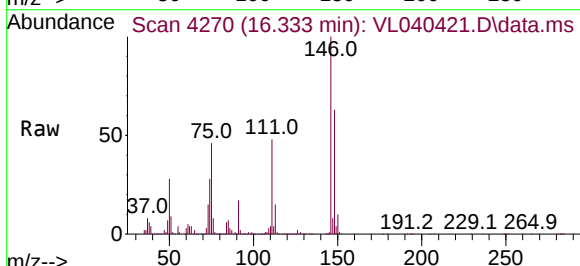
Tgt Ion: 119 Resp: 3583572
Ion Ratio Lower Upper
119 100
91 86.9 70.1 105.1
134 19.4 15.6 23.4

Manual Integrations
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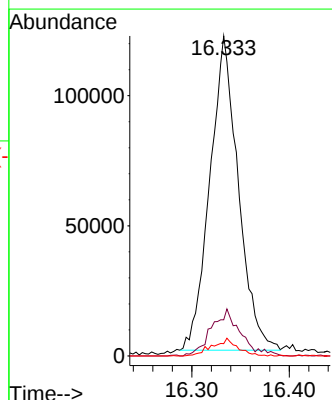
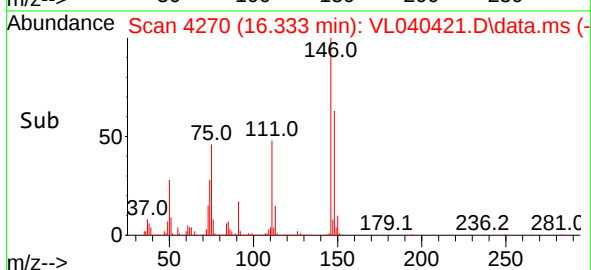
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

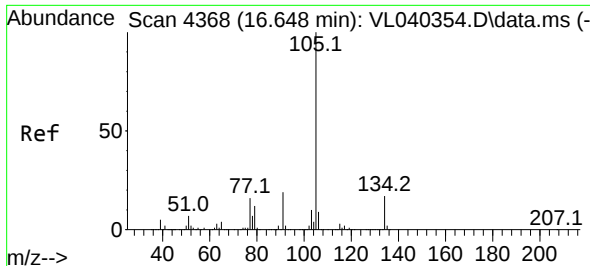


#66
Benzyl Chloride
Concen: 11.150 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. -0.006 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48



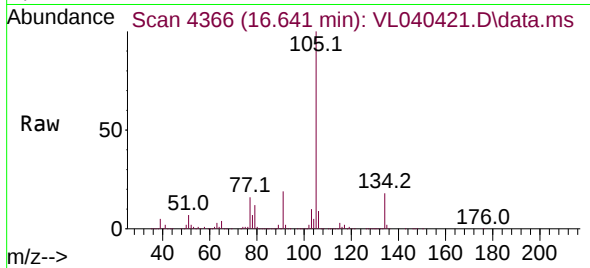
Tgt Ion: 91 Resp: 245103
Ion Ratio Lower Upper
91 100
126 15.4 12.3 18.5
128 5.0 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 10.029 ppbv
 RT: 16.641 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VL040421.D
 Acq: 12 May 2023 16:48

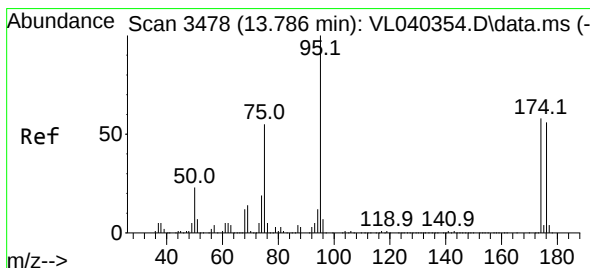
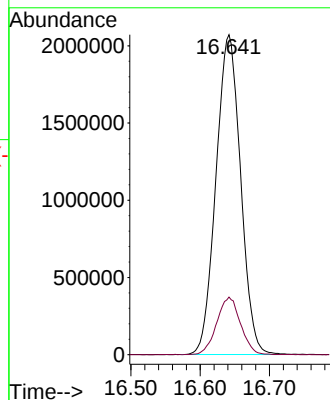
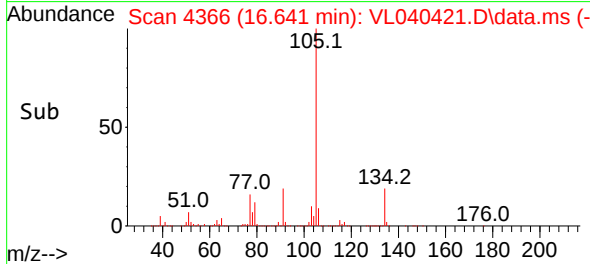
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0512ABS01



Tgt Ion:105 Resp: 511466
 Ion Ratio Lower Upper
 105 100
 134 17.4 13.8 20.6

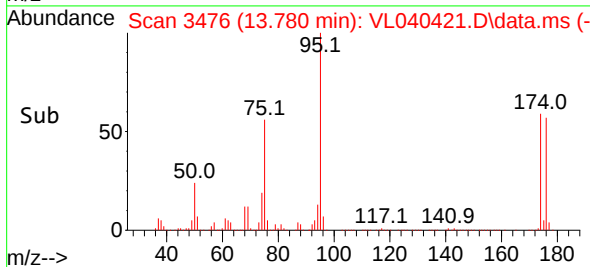
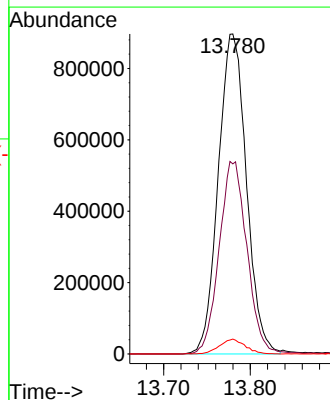
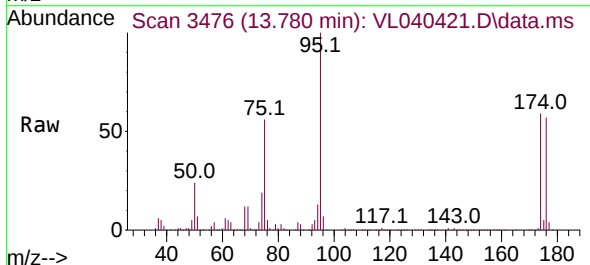
Manual Integrations
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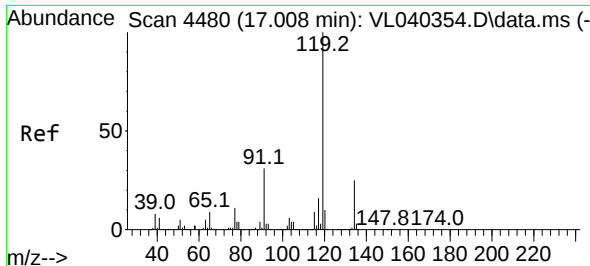
Reviewed By :Semsettin Yesilyurt 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.464 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. -0.006 min
 Lab File: VL040421.D
 Acq: 12 May 2023 16:48

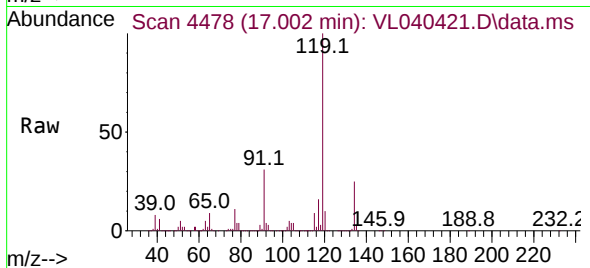
Tgt Ion: 95 Resp: 2019916
 Ion Ratio Lower Upper
 95 100
 174 59.9 47.2 70.8
 175 4.3 3.5 5.3





#69
p-Isopropyltoluene
Concen: 10.291 ppbv
RT: 17.002 min Scan# 4480
Delta R.T. -0.006 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

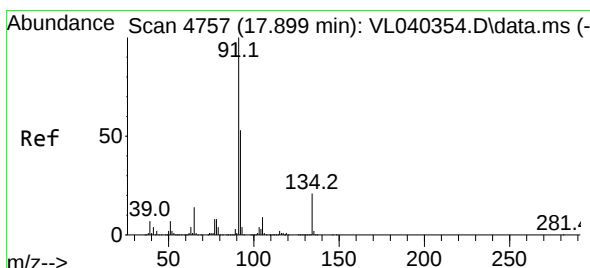
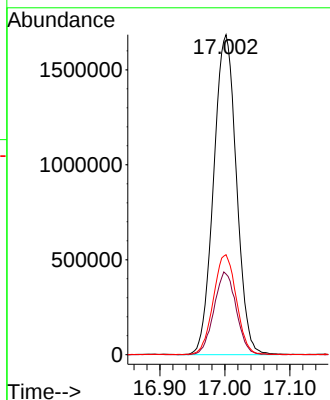
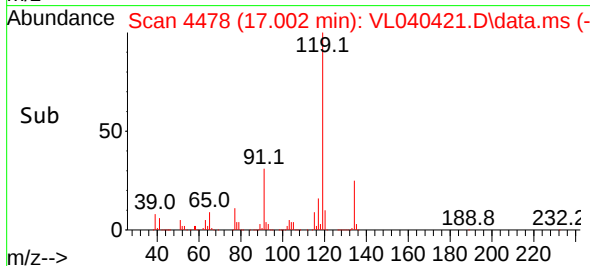
Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01



Tgt Ion: 119 Resp: 4097978
Ion Ratio Lower Upper
119 100
134 25.2 20.2 30.4
91 31.5 25.7 38.5

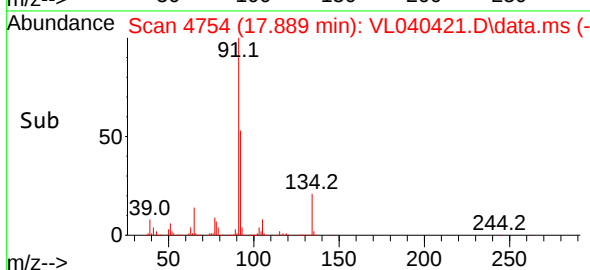
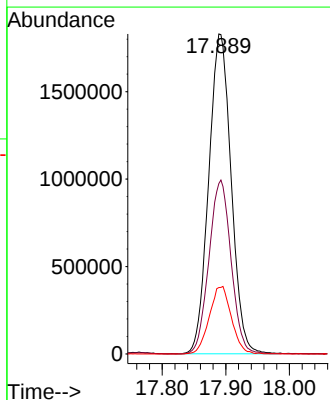
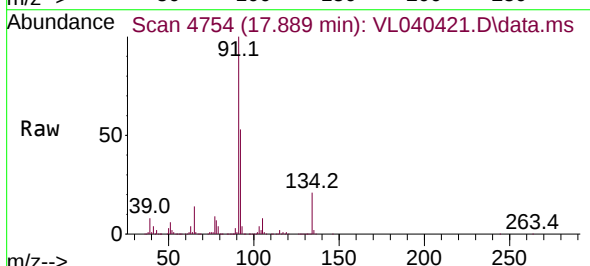
Manual Integrations
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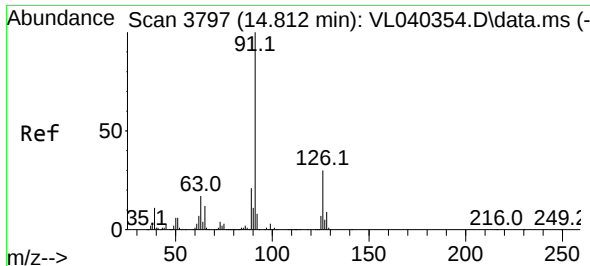
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#70
n-Butylbenzene
Concen: 10.151 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. -0.010 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

Tgt Ion: 91 Resp: 4480932
Ion Ratio Lower Upper
91 100
92 53.7 43.0 64.4
134 20.9 16.6 25.0





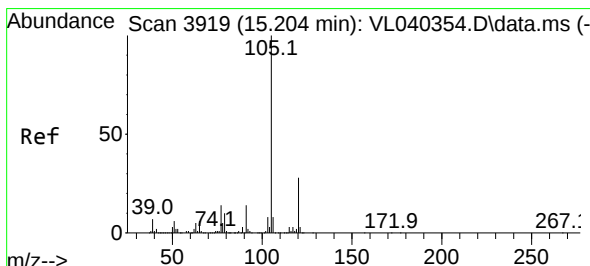
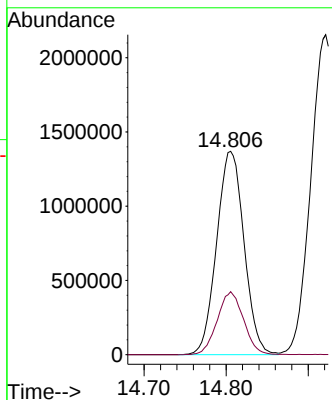
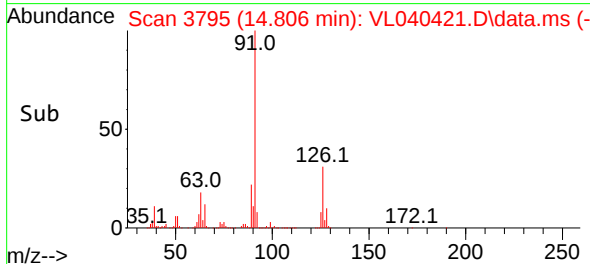
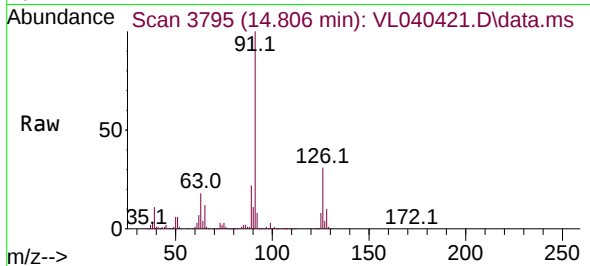
#71
2-Chlorotoluene
Concen: 10.271 ppbv
RT: 14.806 min Scan# 318212
Delta R.T. -0.006 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01

Tgt Ion: 91 Resp: 318212
Ion Ratio Lower Upper
91 100
126 29.9 11.8 47.4

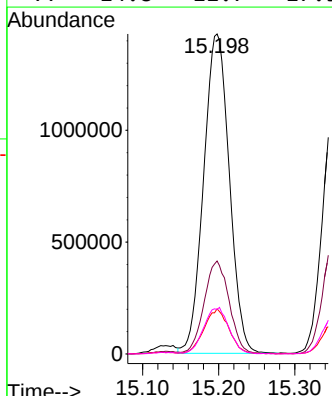
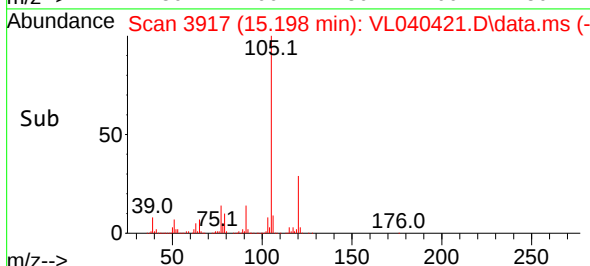
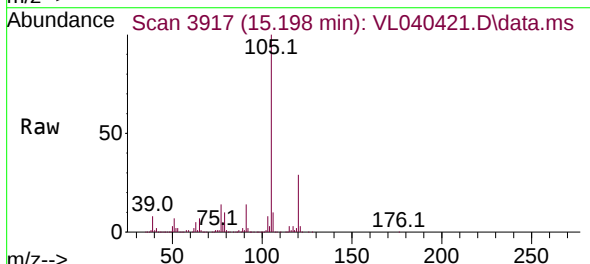
Manual Integrations
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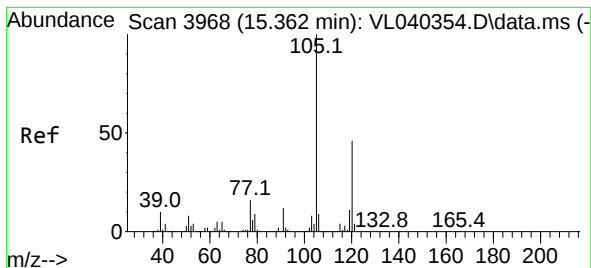
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#72
4-Ethyltoluene
Concen: 10.836 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. -0.006 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

Tgt Ion:105 Resp: 3352119
Ion Ratio Lower Upper
105 100
120 29.3 23.0 34.6
91 13.7 11.3 16.9
77 14.8 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 10.468 ppbv

RT: 15.355 min Scan# 3968

Delta R.T. -0.007 min

Lab File: VL040421.D

Acq: 12 May 2023 16:48

Instrument :

MSVOA_L

ClientSampleId :

VL0512ABS01

Tgt Ion:105 Resp: 2991238

Ion Ratio Lower Upper

105 100

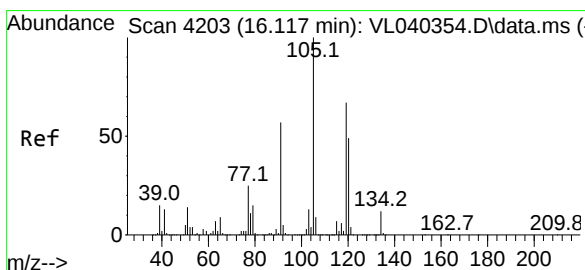
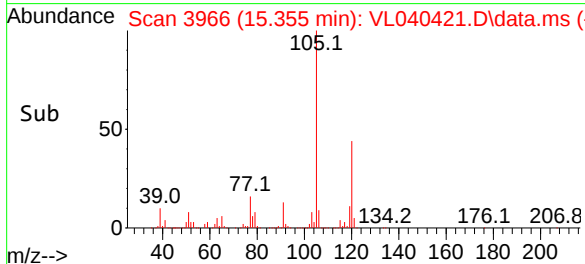
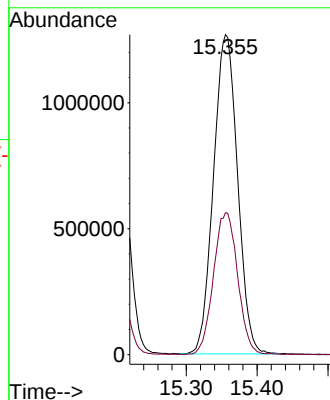
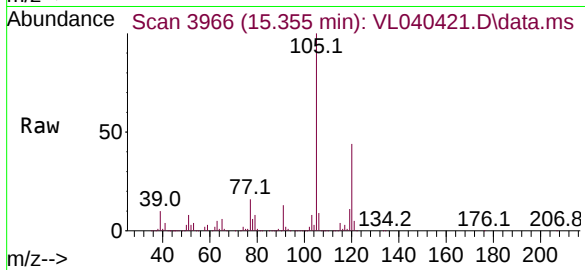
120 44.4 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#74

1,2,4-Trimethylbenzene

Concen: 10.125 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. -0.006 min

Lab File: VL040421.D

Acq: 12 May 2023 16:48

Tgt Ion:105 Resp: 3306834

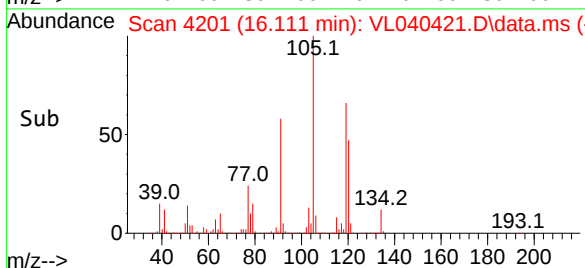
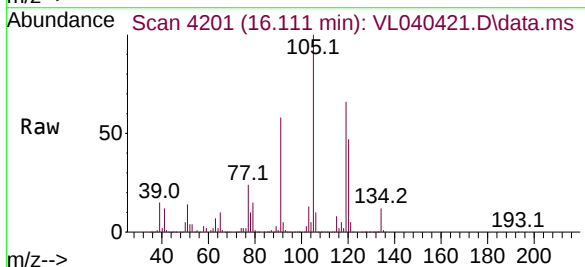
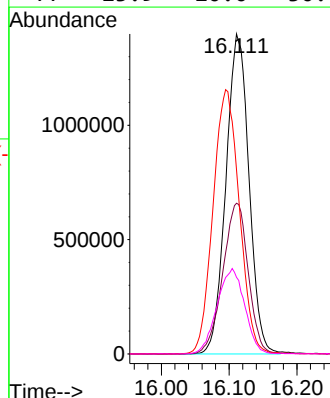
Ion Ratio Lower Upper

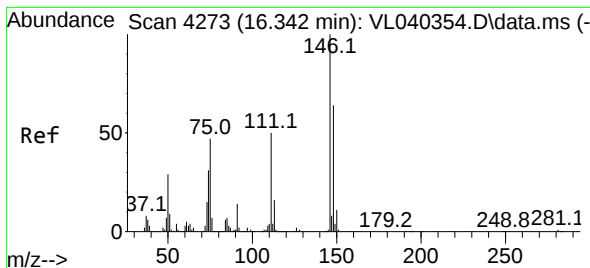
105 100

120 47.1 38.9 58.3

91 57.5 46.0 69.0

77 23.9 20.0 30.0





#75

1,3-Dichlorobenzene

Concen: 10.014 ppbv

RT: 16.336 min Scan# 4315

Delta R.T. -0.006 min

Lab File: VL040421.D

Acq: 12 May 2023 16:48

Instrument :

MSVOA_L

ClientSampleId :

VL0512ABS01

Tgt Ion:146 Resp: 179146

Ion Ratio Lower Upper

146 100

111 48.9 24.6 74.0

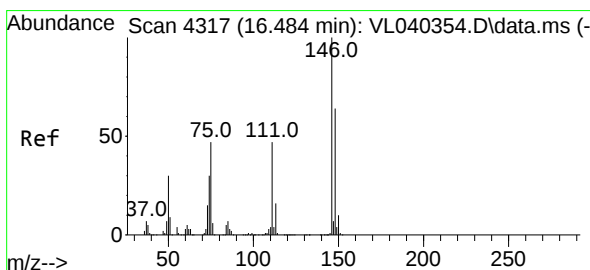
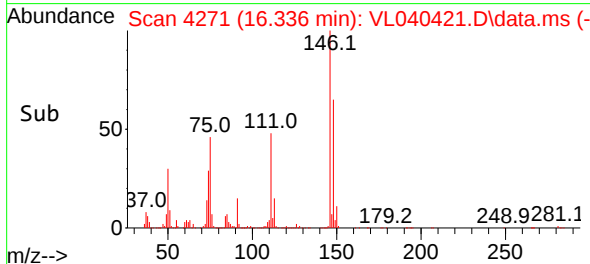
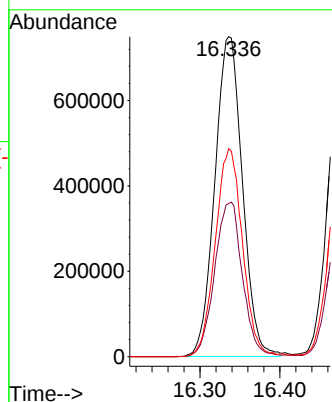
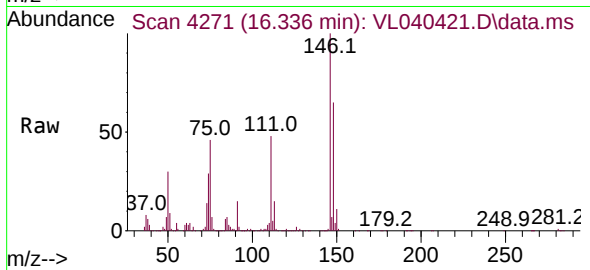
148 64.6 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#76

1,4-Dichlorobenzene

Concen: 9.916 ppbv

RT: 16.477 min Scan# 4315

Delta R.T. -0.007 min

Lab File: VL040421.D

Acq: 12 May 2023 16:48

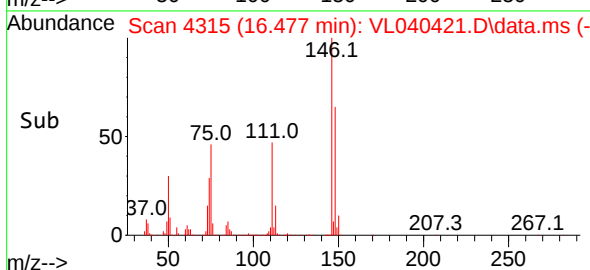
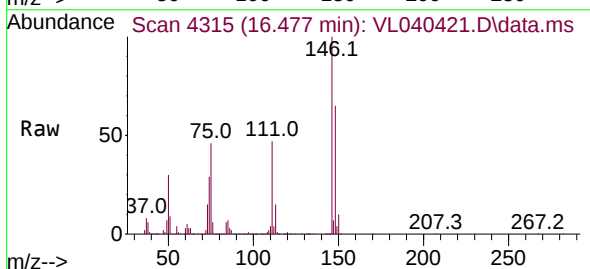
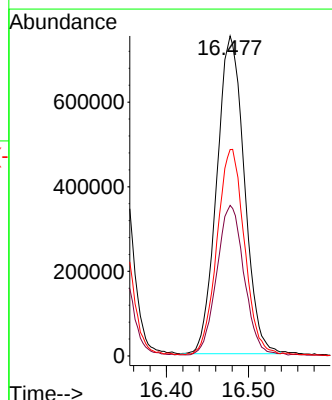
Tgt Ion:146 Resp: 1752681

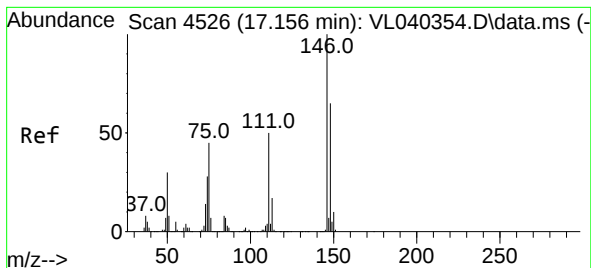
Ion Ratio Lower Upper

146 100

111 47.7 23.8 71.4

148 66.0 32.4 97.2





#77

1,2-Dichlorobenzene

Concen: 9.675 ppbv

RT: 17.149 min Scan# 41

Delta R.T. -0.007 min

Lab File: VL040421.D

Acq: 12 May 2023 16:48

Instrument :

MSVOA_L

ClientSampleId :

VL0512ABS01

Tgt Ion:146 Resp: 171146

Ion Ratio Lower Upper

146 100

111 50.9 25.4 76.0

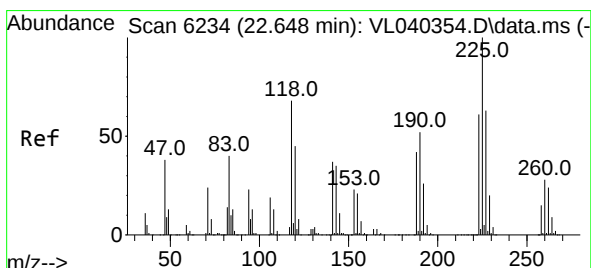
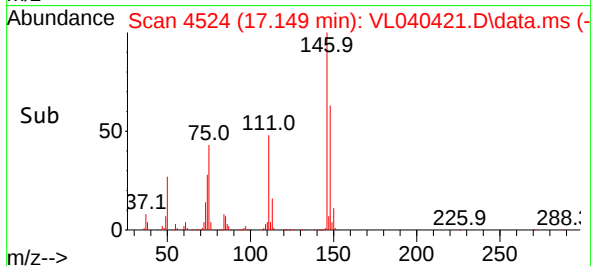
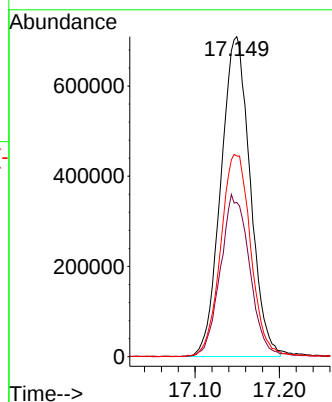
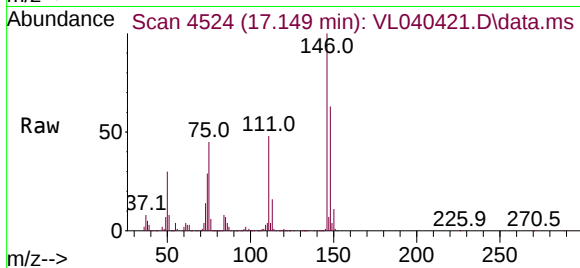
148 65.1 32.0 96.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#78

Hexachloro-1,3-Butadiene

Concen: 9.210 ppbv

RT: 22.641 min Scan# 6232

Delta R.T. -0.007 min

Lab File: VL040421.D

Acq: 12 May 2023 16:48

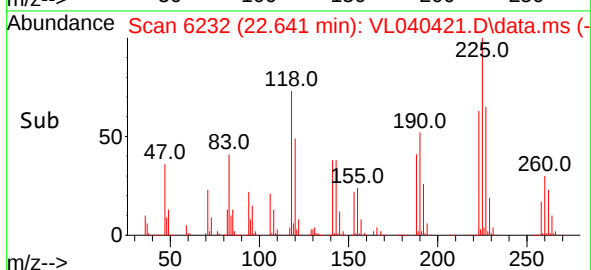
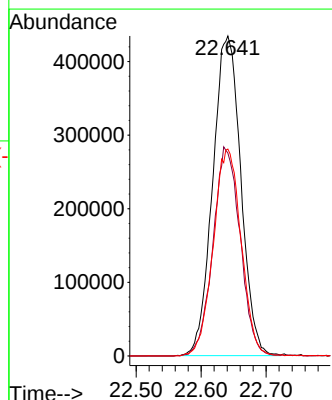
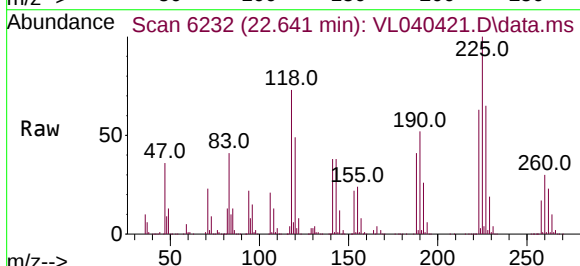
Tgt Ion:225 Resp: 1306075

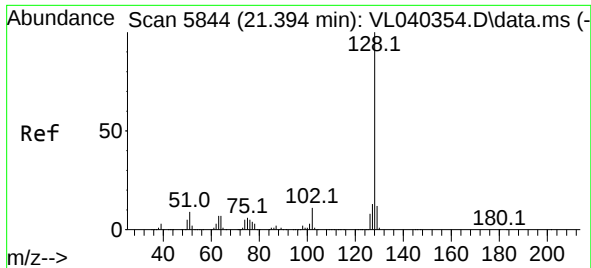
Ion Ratio Lower Upper

225 100

223 63.4 50.7 76.1

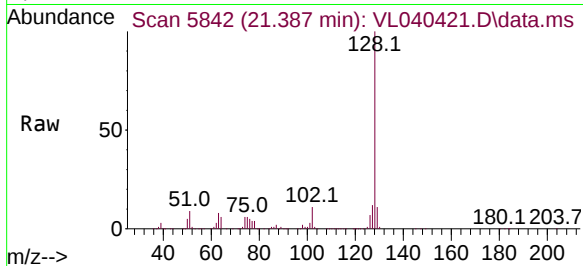
227 64.3 51.0 76.4





#79
Naphthalene
Concen: 12.425 ppbv
RT: 21.387 min Scan# 5842
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

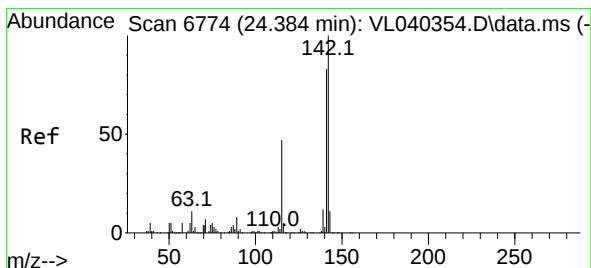
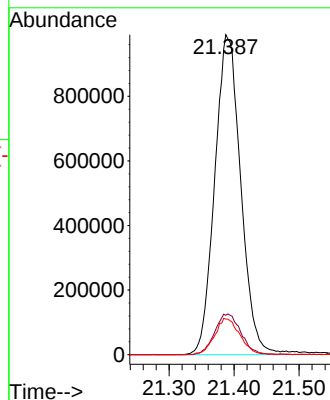
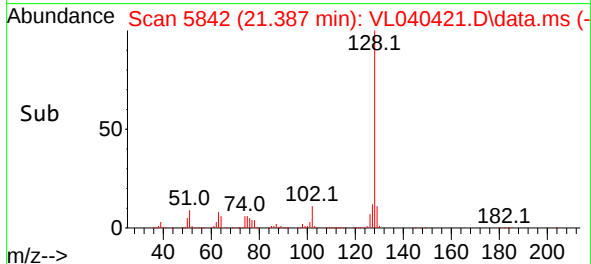
Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01



Tgt Ion:128 Resp: 2739215
Ion Ratio Lower Upper
128 100
127 12.3 10.0 15.0
129 11.2 9.4 14.0

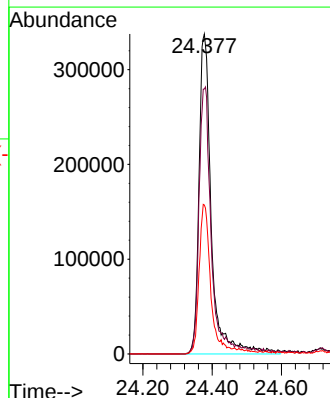
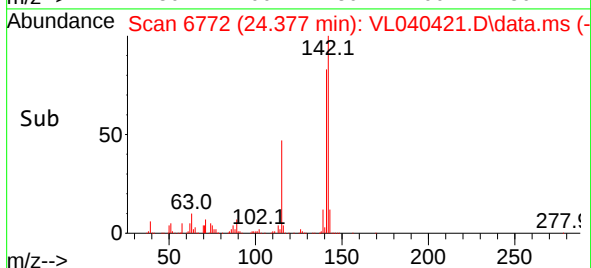
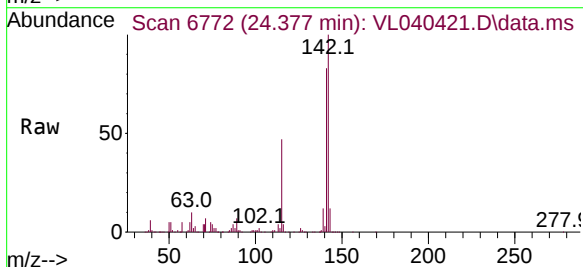
Manual Integrations
APPROVED

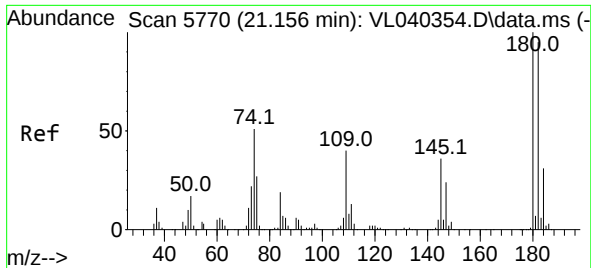
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#80
Naphthalene,2-methyl-
Concen: 12.812 ppbv
RT: 24.377 min Scan# 6772
Delta R.T. -0.007 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

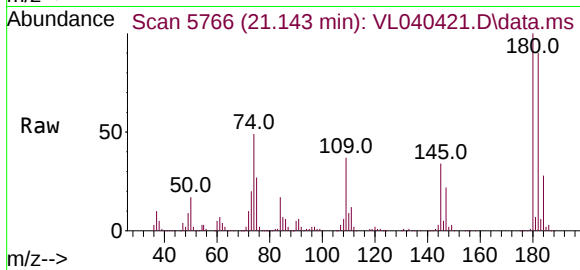
Tgt Ion:142 Resp: 840788
Ion Ratio Lower Upper
142 100
141 84.1 65.1 97.7
115 45.4 36.5 54.7





#81
1,2,4-Trichlorobenzene
Concen: 10.607 ppbv
RT: 21.143 min Scan# 51
Delta R.T. -0.013 min
Lab File: VL040421.D
Acq: 12 May 2023 16:48

Instrument :
MSVOA_L
ClientSampleId :
VL0512ABS01



Tgt Ion:180 Resp: 1437078
Ion Ratio Lower Upper
180 100
182 95.6 77.7 116.5
184 31.1 24.2 36.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

