

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041223\
 Data File : VL040352.D
 Acq On : 13 Apr 2023 1:21
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/13/2023
 Supervised By : Mahesh Dadoda 04/13/2023

Quant Time: Apr 13 08:16:55 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

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

QLast Update : Tue Apr 11 04:15:53 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1012093	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2533719	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2509859	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.790 95 2035078 9.683 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.716	85	1386774	6.984	ppbv	96
3) Chlorodifluoromethane	2.661	51	1194793	9.388	ppbv	99
4) Chloromethane	2.800	50	764767	9.732	ppbv	98
5) Vinyl Chloride	2.909	62	662499	10.411	ppbv	95
6) Bromomethane	3.108	94	215667	9.774	ppbv	100
7) Chloroethane	3.189	64	247117	10.116	ppbv	99
8) Dichlorotetrafluoroethane	2.845	85	1615746	9.506	ppbv	99
9) Propene	2.684	41	479598	9.837	ppbv	99
10) Heptane	7.584	43	1195459	10.194	ppbv	99
11) Trichlorofluoromethane	3.555	101	1667410	9.268	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.060	101	1162811	8.606	ppbv	96
13) Ethanol	3.240	45	29351m	8.208	ppbv	
14) Bromoethene	3.356	108	514338	10.205	ppbv	98
15) Acetone	3.459	43	1105300	8.970	ppbv	97
16) 1,3-Butadiene	2.973	39	576385	10.291	ppbv	100
17) tert-Butyl alcohol	3.870	59	1190517	10.166	ppbv	99
18) 1,1-Dichloroethene	3.873	96	538777	9.295	ppbv	95
19) Isopropyl Alcohol	3.565	45	553479	9.377	ppbv #	98
20) Methylene Chloride	3.925	84	440989	8.507	ppbv	97
21) Allyl Chloride	3.989	41	773682	9.694	ppbv	98
22) trans-1,2-Dichloroethene	4.439	96	524538	8.891	ppbv	96
23) Vinyl Acetate	4.623	43	338075	9.862	ppbv #	95
24) 1,1-Dichloroethane	4.558	63	1116065	9.128	ppbv	97
25) Ethyl Acetate	5.201	43	2242039	9.719	ppbv	99
26) Hexane	5.211	57	960821	10.147	ppbv	96
27) Carbon Disulfide	4.118	76	1315588	9.947	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	1004817	9.242	ppbv	100
29) Chloroform	5.272	83	1650035	9.868	ppbv	100
30) Cyclohexane	6.603	84	812197	10.885	ppbv	98
31) cis-1,2-Dichloroethene	5.076	61	994732	10.787	ppbv	98
32) 1,1,1-Trichloroethane	6.005	97	1670178	10.426	ppbv	99
34) 2-Butanone	4.783	43	1293279	10.342	ppbv	100
35) Carbon Tetrachloride	6.497	117	1694312	10.656	ppbv	99
36) Benzene	6.372	78	1994604	10.330	ppbv	99
37) 1,2-Dichloroethane	5.806	62	1274410	10.140	ppbv	100
38) Trichloroethene	7.295	130	1190788	11.285	ppbv	98
39) 1,2-Dichloropropane	7.076	63	768359	10.143	ppbv	97
40) 1,4-Dioxane	7.291	88	239447	7.989	ppbv #	1
41) Tetrahydrofuran	5.555	42	751793	10.417	ppbv	99
42) Bromodichloromethane	7.256	83	1785794	10.398	ppbv	97
43) Methyl Methacrylate	7.481	69	788512	10.989	ppbv	98
44) 2,2,4-Trimethylpentane	7.330	57	3323242	10.323	ppbv	100
45) t-1,3-Dichloropropene	8.719	75	753102	12.039	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041223\
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 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/13/2023
 Supervised By : Mahesh Dadoda 04/13/2023

Quant Time: Apr 13 08:16:55 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

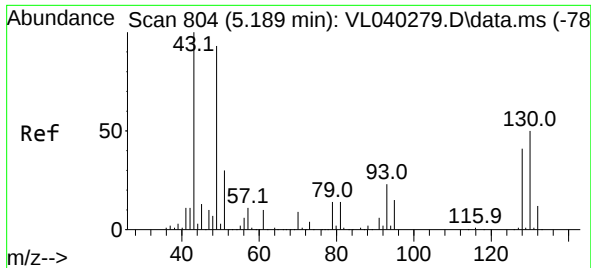
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Apr 11 04:15:53 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	1034343	11.644	ppbv	99
47) 1,1,2-Trichloroethane	8.905	97	818915	10.131	ppbv	98
48) Dibromochloromethane	9.719	129	1365494	10.266	ppbv	99
49) Bromoform	12.420	173	1014659	10.157	ppbv	99
50) 4-Methyl-2-Pentanone	8.185	43	1974917	10.206	ppbv	99
51) 2-Hexanone	9.558	43	1443908	9.632	ppbv	100
52) Tetrachloroethene	10.629	164	644913	11.040	ppbv	98
53) Toluene	9.230	91	2232901	11.035	ppbv	99
54) 1,2-Dibromoethane	10.018	107	886205	10.651	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.520	131	978787	9.270	ppbv	98
57) Chlorobenzene	11.536	112	1641331	9.193	ppbv	98
58) Ethyl Benzene	12.098	91	2974329	10.408	ppbv	99
59) m/p-Xylene	12.388	91	5120426m	19.558	ppbv	
60) o-Xylene	13.073	91	2460006	9.829	ppbv	99
61) Styrene	12.912	104	1382051	10.882	ppbv	99
62) Isopropylbenzene	14.044	105	3450763	9.682	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	766236	8.701	ppbv	99
64) n-propylbenzene	14.931	120	870286	9.979	ppbv	99
65) tert-Butylbenzene	16.105	119	3023587	9.845	ppbv	98
66) Benzyl Chloride	16.342	91	200592	10.050	ppbv	98
67) sec-Butylbenzene	16.651	105	4404771	10.028	ppbv	99
69) p-Isopropyltoluene	17.011	119	3589653	10.494	ppbv	100
70) n-Butylbenzene	17.902	91	4019945	10.667	ppbv	100
71) 2-Chlorotoluene	14.818	91	2641067	9.736	ppbv	99
72) 4-Ethyltoluene	15.207	105	2837795	10.371	ppbv	99
73) 1,3,5-Trimethylbenzene	15.365	105	2524005	10.184	ppbv	97
74) 1,2,4-Trimethylbenzene	16.121	105	2829351	10.010	ppbv	94
75) 1,3-Dichlorobenzene	16.346	146	1558084	10.178	ppbv	100
76) 1,4-Dichlorobenzene	16.490	146	1541349	10.556	ppbv	99
77) 1,2-Dichlorobenzene	17.159	146	1543529	10.490	ppbv	99
78) Hexachloro-1,3-Butadiene	22.654	225	1082537	10.031	ppbv	99
79) Naphthalene	21.400	128	2198191	13.146	ppbv	98
80) Naphthalene,2-methyl-	24.384	142	320115	7.559	ppbv	98
81) 1,2,4-Trichlorobenzene	21.156	180	1179985	11.457	ppbv	100

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



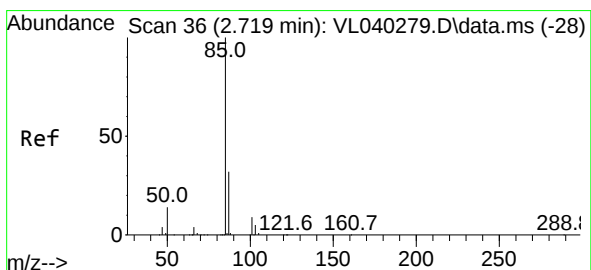
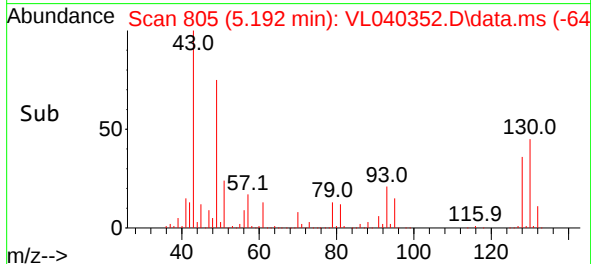
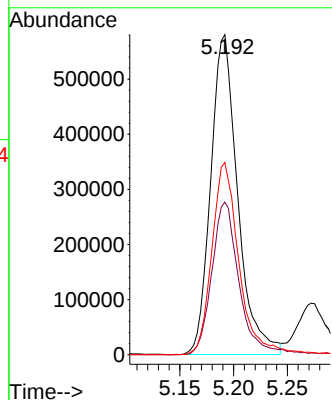
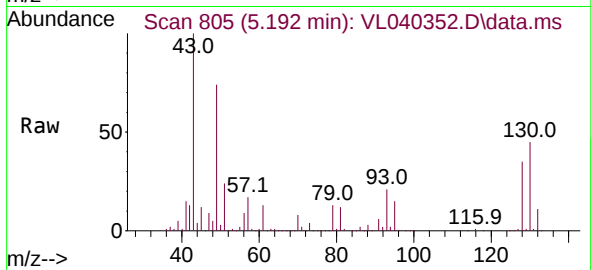
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 804
Delta R.T. 0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 101209
Ion Ratio Lower Upper
49 100
128 49.1 22.4 67.3
130 61.4 28.7 86.1

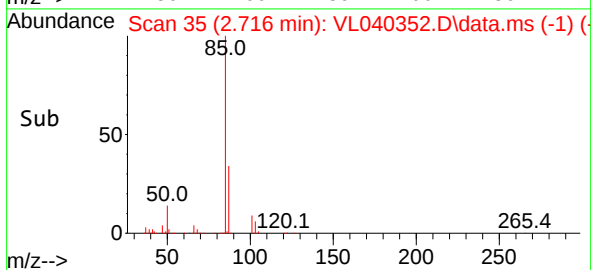
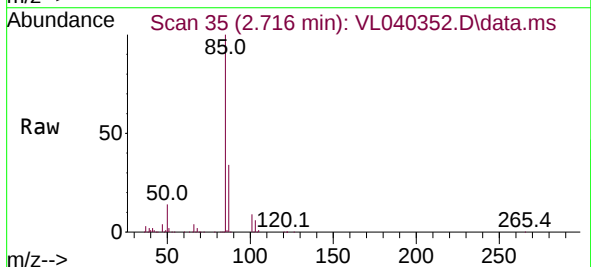
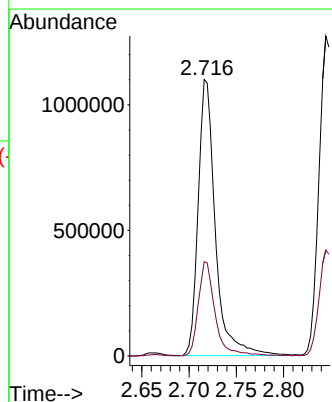
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#2
Dichlorodifluoromethane
Concen: 6.984 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

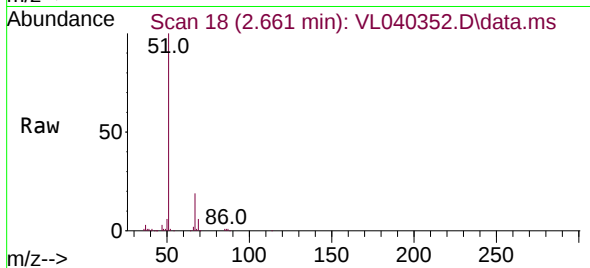
Tgt Ion: 85 Resp: 1386774
Ion Ratio Lower Upper
85 100
87 34.1 25.5 38.3





#3
Chlorodifluoromethane
Concen: 9.388 ppbv
RT: 2.661 min Scan# 11
Delta R.T. -0.004 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

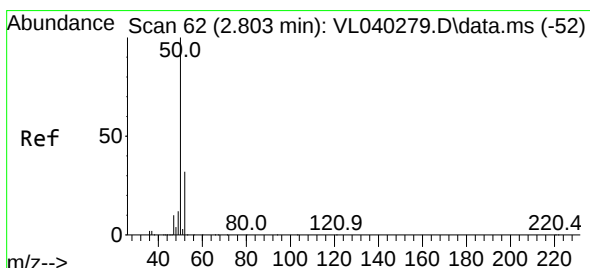
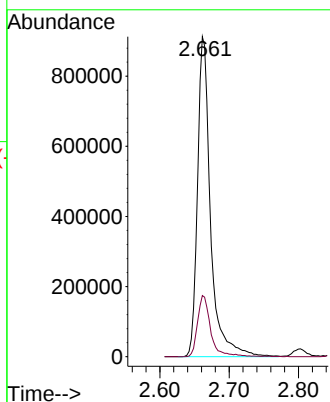
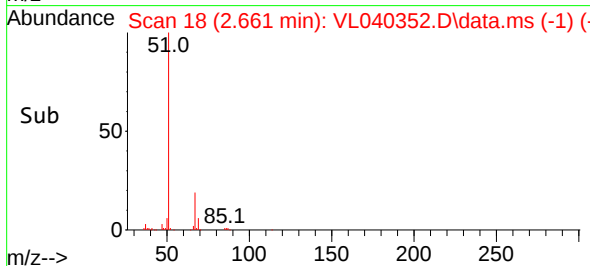
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 119479
Ion Ratio Lower Upper
51 100
67 19.4 16.0 24.0

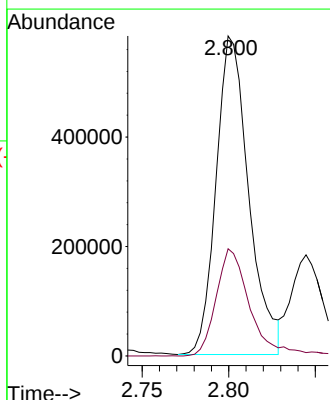
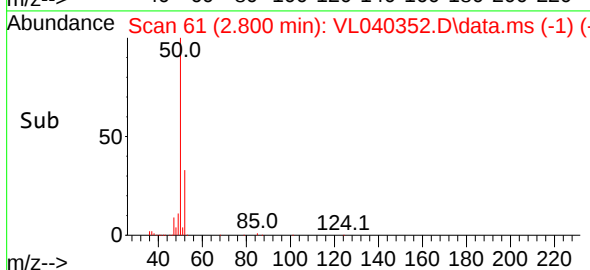
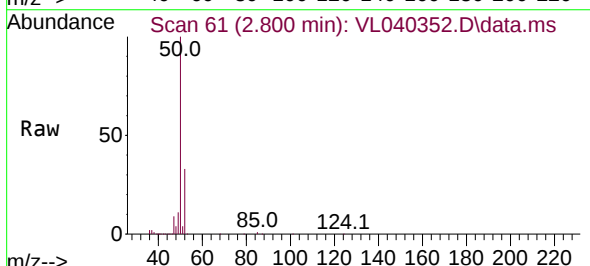
Manual Integrations
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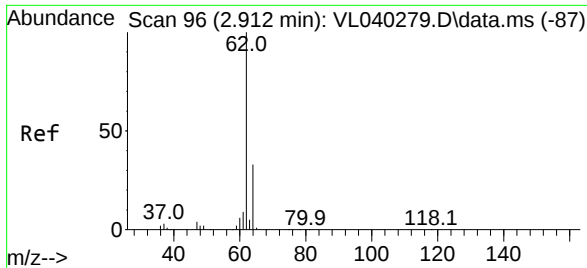
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#4
Chloromethane
Concen: 9.732 ppbv
RT: 2.800 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

Tgt Ion: 50 Resp: 764767
Ion Ratio Lower Upper
50 100
52 33.6 25.9 38.9





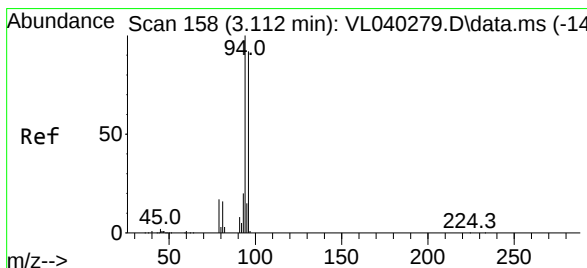
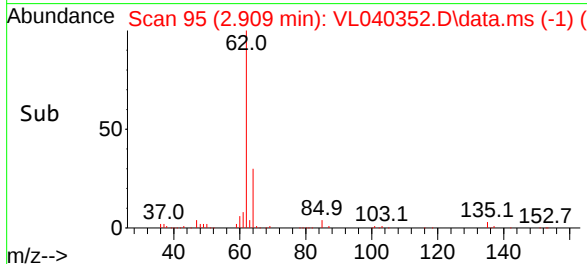
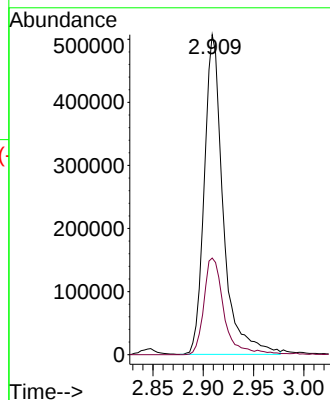
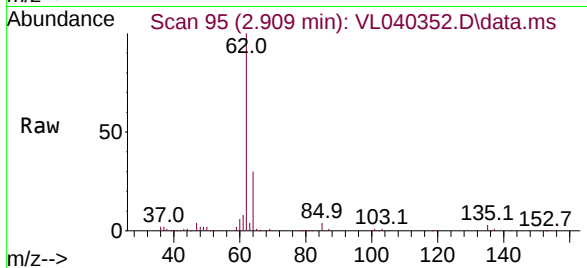
#5
 Vinyl Chloride
 Concen: 10.411 ppbv
 RT: 2.909 min Scan# 95
 Delta R.T. -0.003 min
 Lab File: VL040352.D
 Acq: 13 Apr 2023 1:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 662495
 Ion Ratio Lower Upper
 62 100
 64 30.2 26.4 39.6

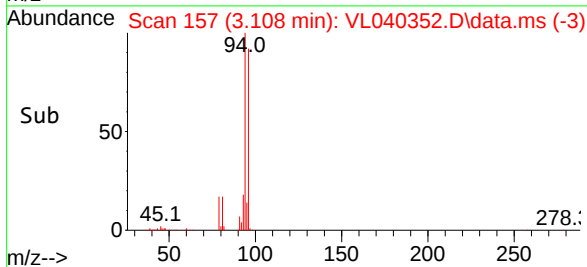
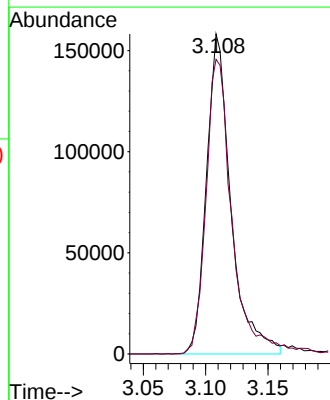
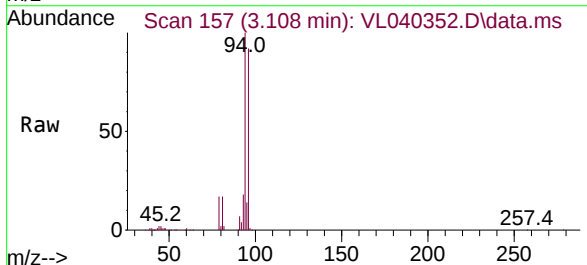
Manual Integrations
 APPROVED

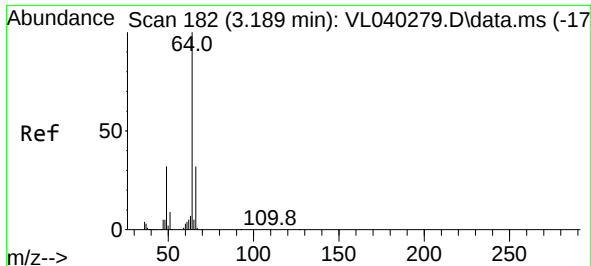
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#6
 Bromomethane
 Concen: 9.774 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.004 min
 Lab File: VL040352.D
 Acq: 13 Apr 2023 1:21

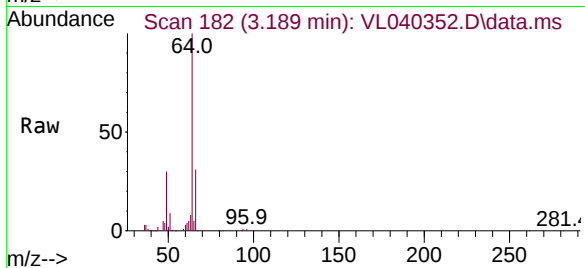
Tgt Ion: 94 Resp: 215667
 Ion Ratio Lower Upper
 94 100
 96 91.9 73.7 110.5





#7
Chloroethane
Concen: 10.116 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

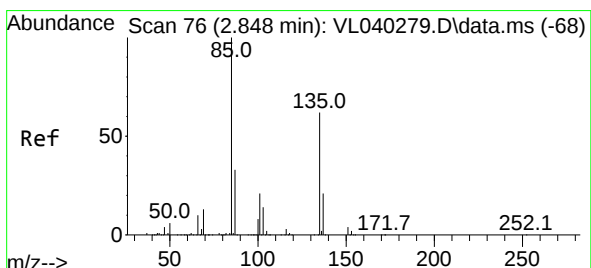
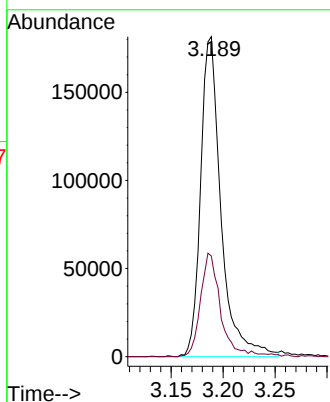
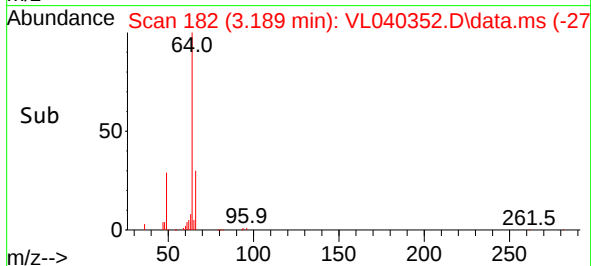
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 24711
Ion Ratio Lower Upper
64 100
66 31.5 25.5 38.3

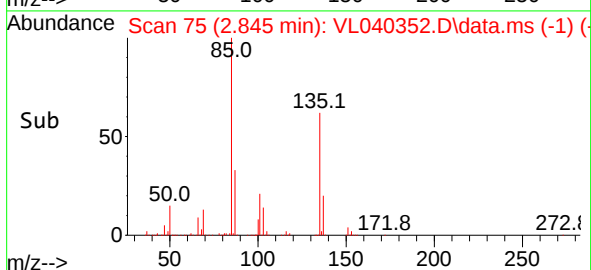
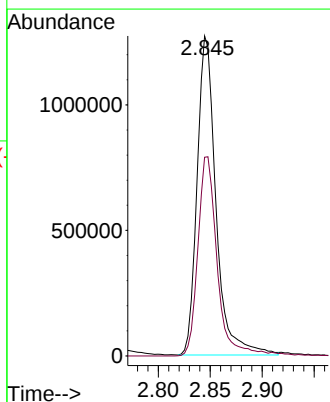
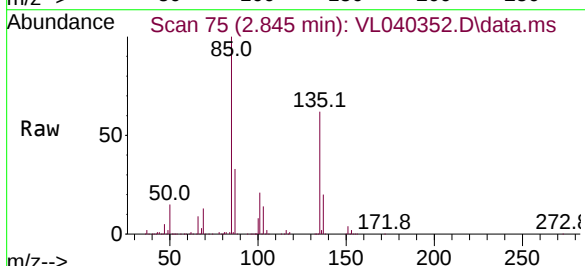
Manual Integrations
APPROVED

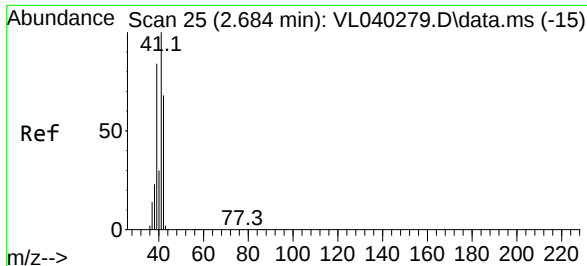
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#8
Dichlorotetrafluoroethane
Concen: 9.506 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

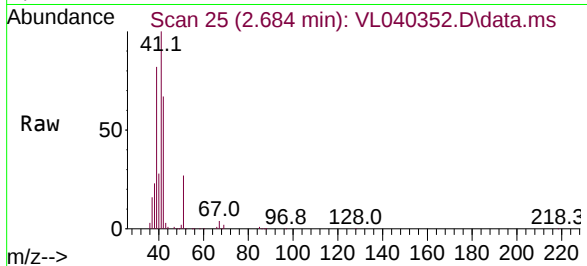
Tgt Ion: 85 Resp: 1615746
Ion Ratio Lower Upper
85 100
135 64.5 52.0 78.0





#9
 Propene
 Concen: 9.837 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VL040352.D
 Acq: 13 Apr 2023 1:21

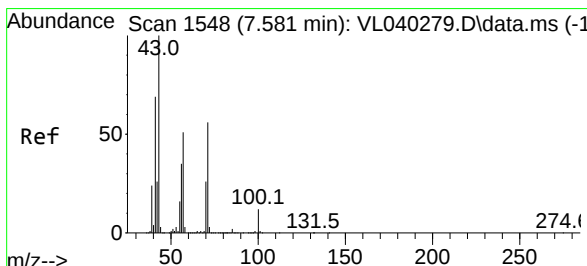
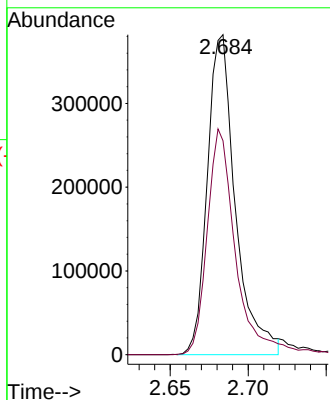
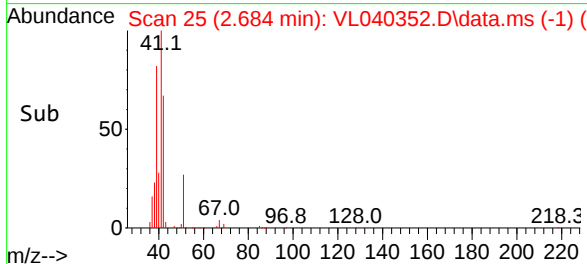
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



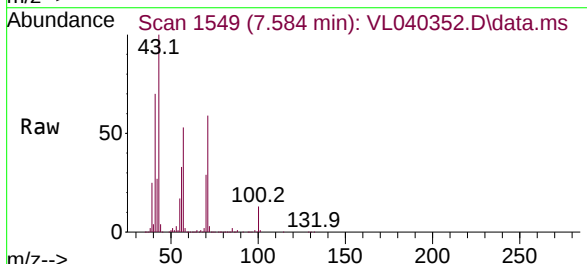
Tgt Ion: 41 Resp: 479598
 Ion Ratio Lower Upper
 41 100
 42 72.6 59.0 88.4

Manual Integrations
 APPROVED

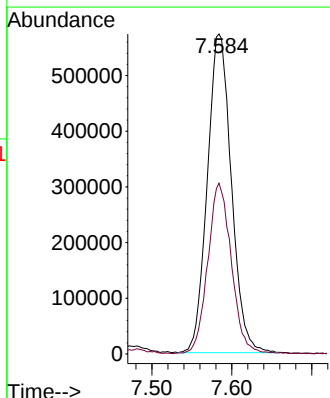
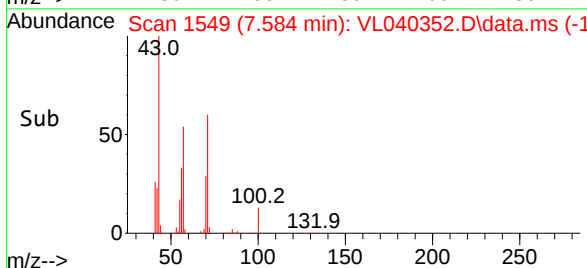
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#10
 Heptane
 Concen: 10.194 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. 0.003 min
 Lab File: VL040352.D
 Acq: 13 Apr 2023 1:21



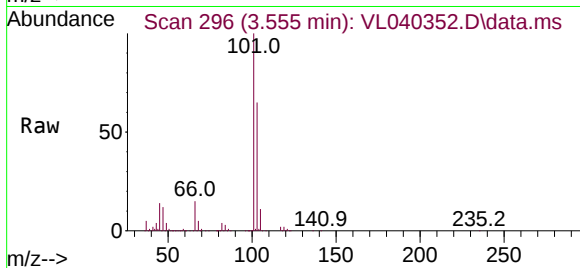
Tgt Ion: 43 Resp: 1195459
 Ion Ratio Lower Upper
 43 100
 57 52.6 41.7 62.5





#11
 Trichlorofluoromethane
 Concen: 9.268 ppbv
 RT: 3.555 min Scan# 296
 Delta R.T. 0.000 min
 Lab File: VL040352.D
 Acq: 13 Apr 2023 1:21

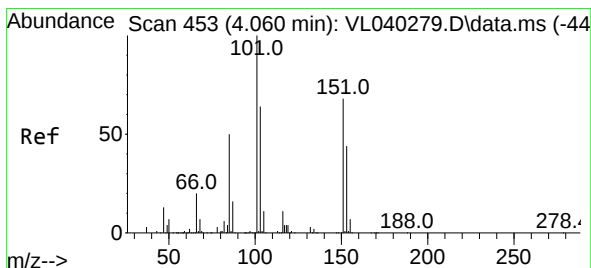
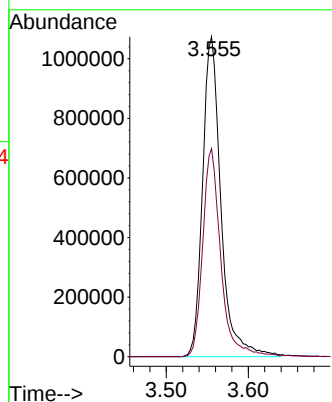
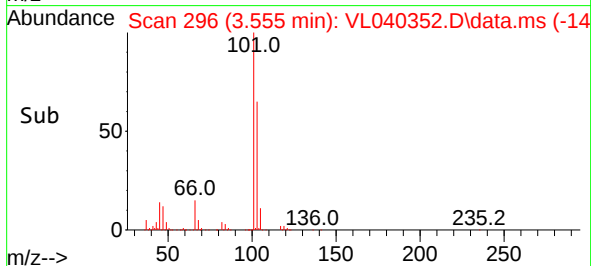
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



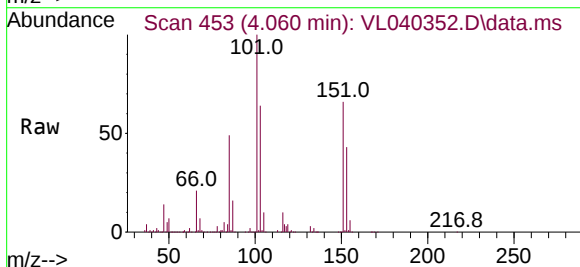
Tgt Ion:101 Resp: 1667410
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.1 79.7

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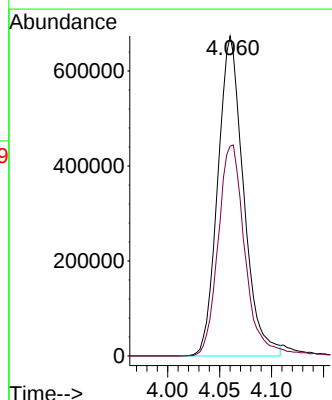
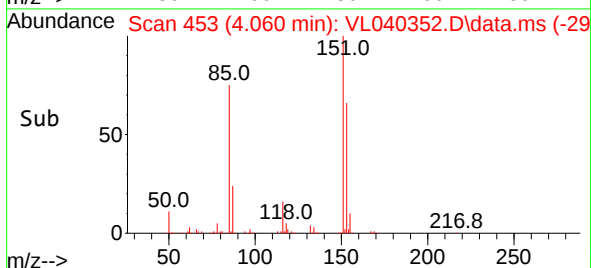
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

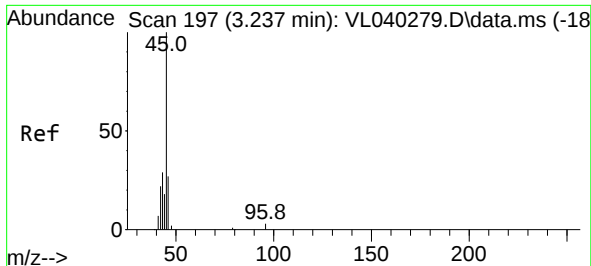


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.606 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. 0.000 min
 Lab File: VL040352.D
 Acq: 13 Apr 2023 1:21



Tgt Ion:101 Resp: 1162811
 Ion Ratio Lower Upper
 101 100
 151 69.5 53.2 79.8





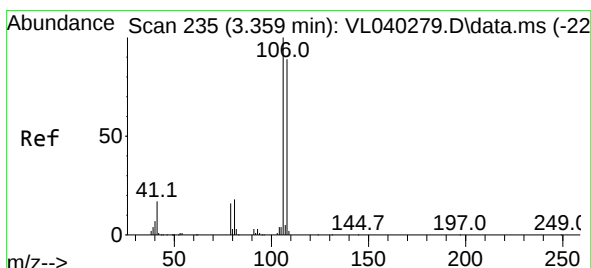
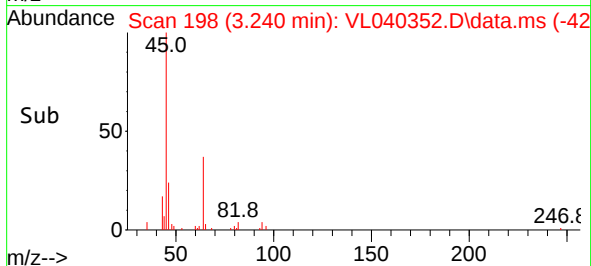
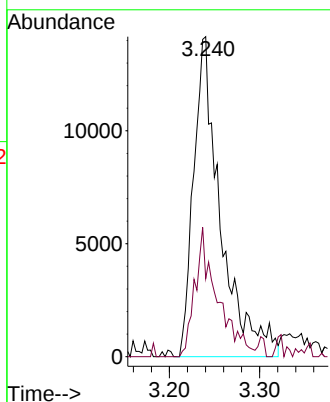
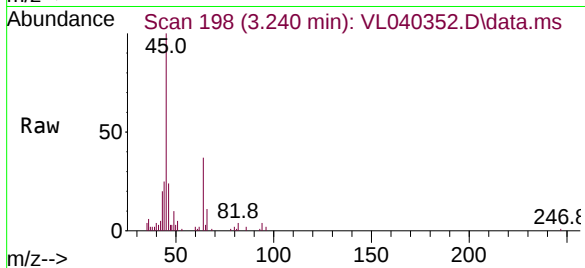
#13
Ethanol
Concen: 8.208 ppbv m
RT: 3.240 min Scan# 197
Delta R.T. 0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 2935
Ion Ratio Lower Upper
45 100
46 36.5 15.0 60.2

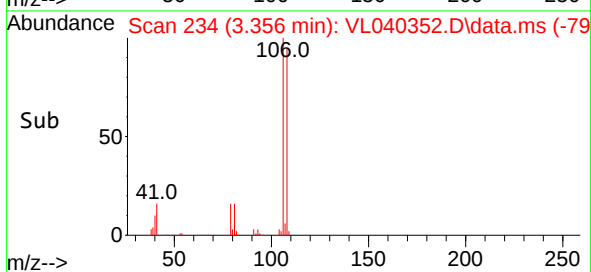
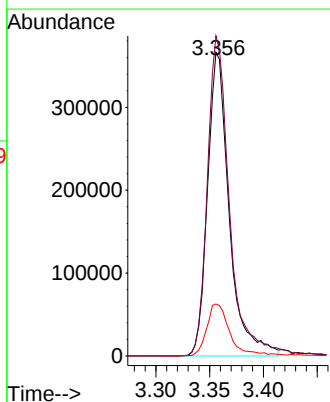
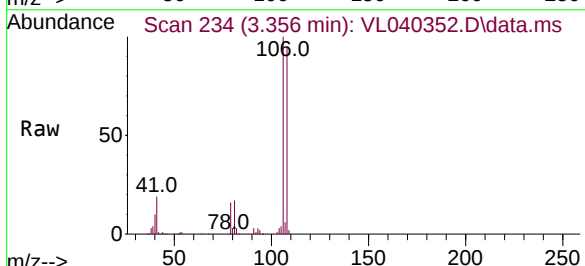
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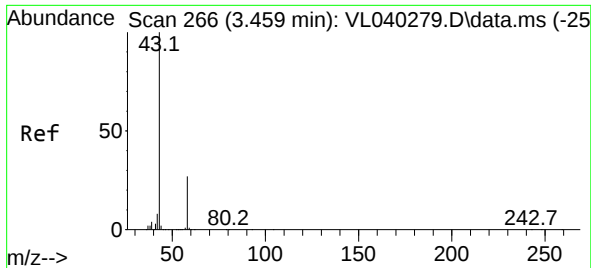
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#14
Bromoethene
Concen: 10.205 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

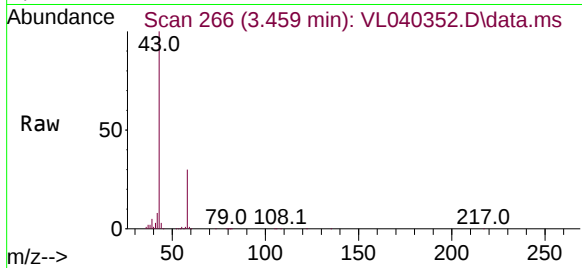
Tgt Ion:108 Resp: 514338
Ion Ratio Lower Upper
108 100
106 109.1 85.8 128.8
79 18.5 15.8 23.6





#15
Acetone
Concen: 8.970 ppbv
RT: 3.459 min Scan# 210
Delta R.T. -0.000 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

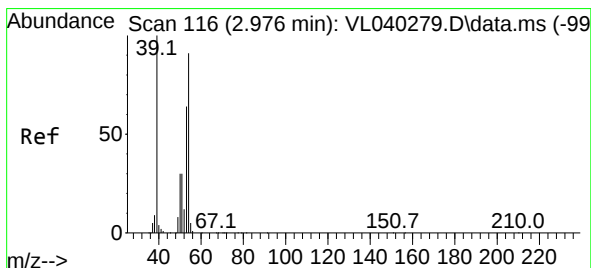
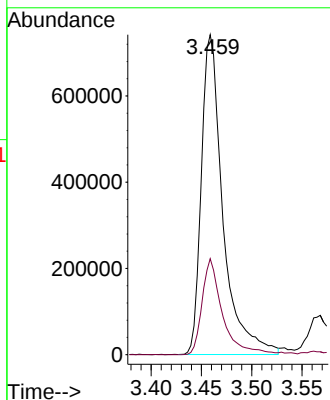
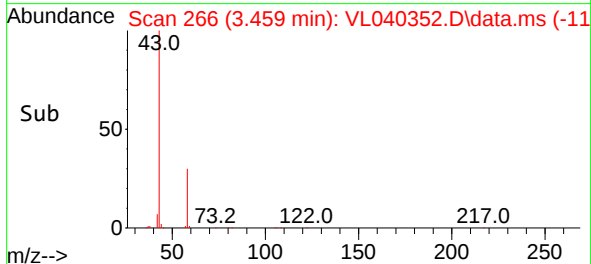
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



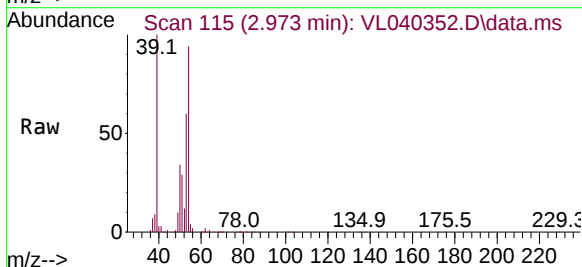
Tgt Ion: 43 Resp: 1105300
Ion Ratio Lower Upper
43 100
58 28.8 21.8 32.8

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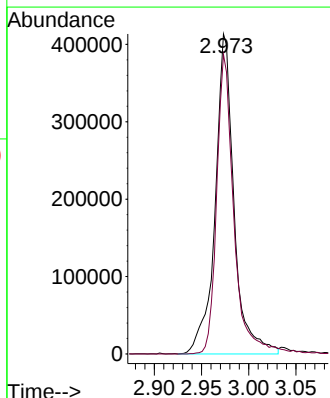
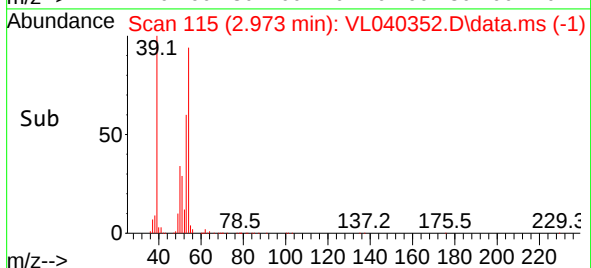
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

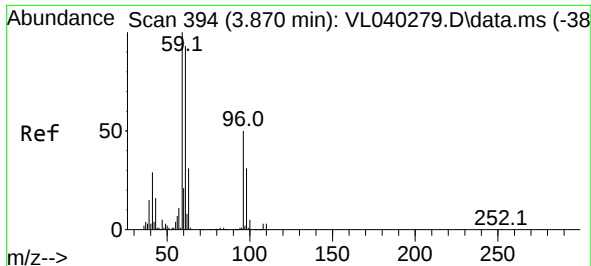


#16
1,3-Butadiene
Concen: 10.291 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21



Tgt Ion: 39 Resp: 576385
Ion Ratio Lower Upper
39 100
54 85.8 68.4 102.6





#17

tert-Butyl alcohol

Concen: 10.166 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.000 min

Lab File: VL040352.D

Acq: 13 Apr 2023 1:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 119051

Ion Ratio Lower Upper

59 100

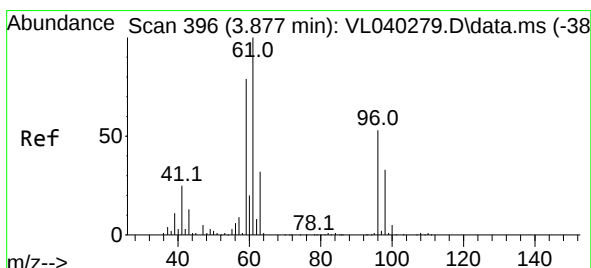
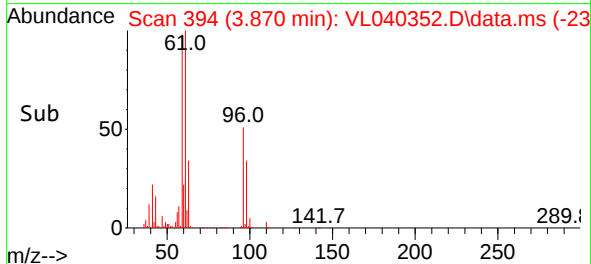
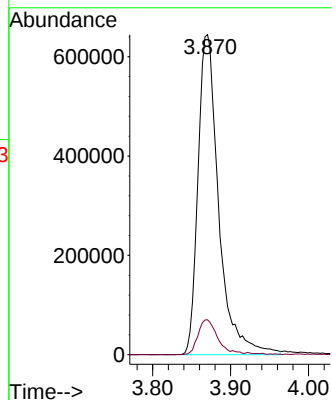
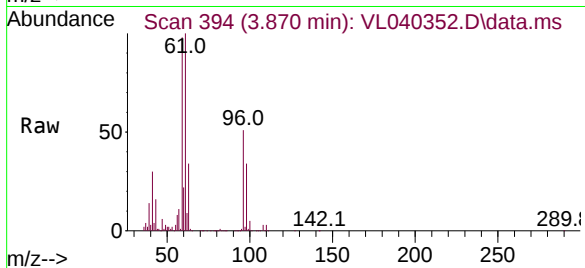
57 10.9 8.5 12.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#18

1,1-Dichloroethene

Concen: 9.295 ppbv

RT: 3.873 min Scan# 395

Delta R.T. -0.003 min

Lab File: VL040352.D

Acq: 13 Apr 2023 1:21

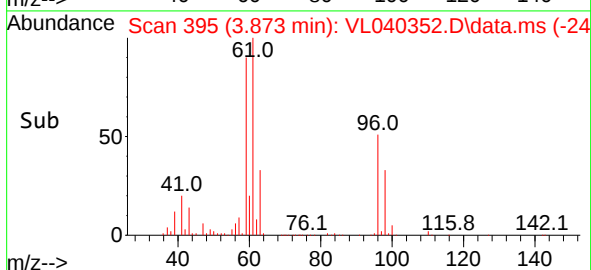
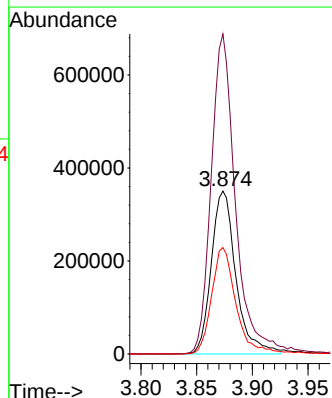
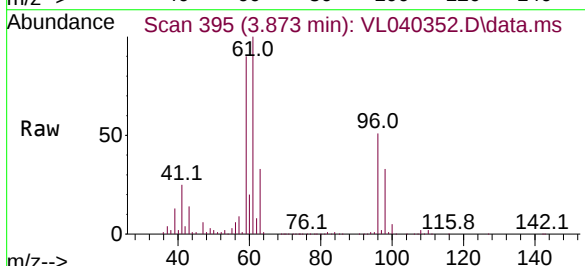
Tgt Ion: 96 Resp: 538777

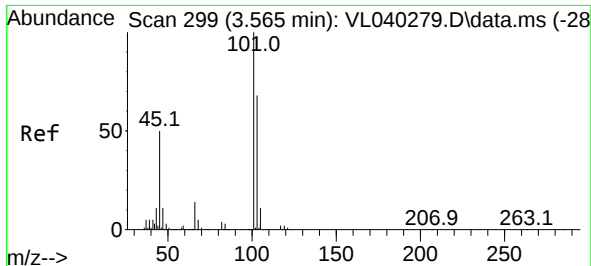
Ion Ratio Lower Upper

96 100

61 196.3 150.6 226.0

98 65.3 50.3 75.5





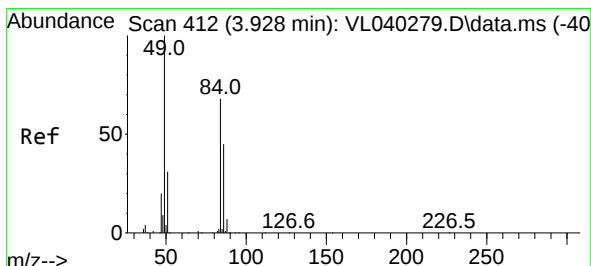
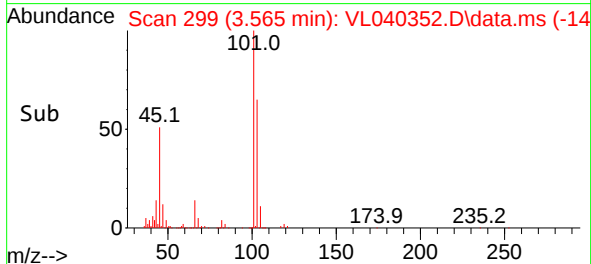
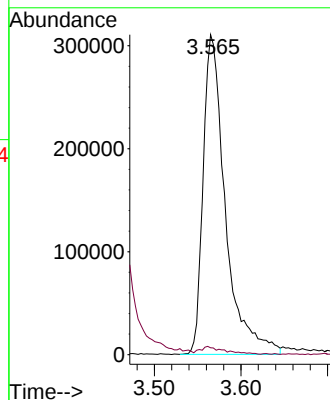
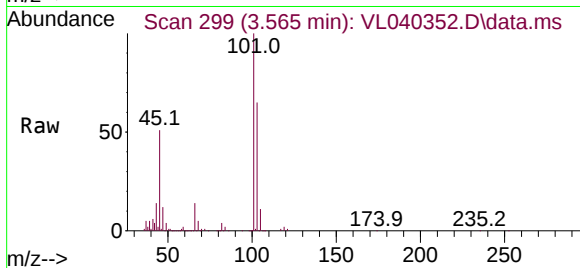
#19
Isopropyl Alcohol
Concen: 9.377 ppbv
RT: 3.565 min Scan# 299
Delta R.T. -0.000 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 45 Resp: 553479
Ion Ratio Lower Upper
45 100
58 2.7 2.7 4.1

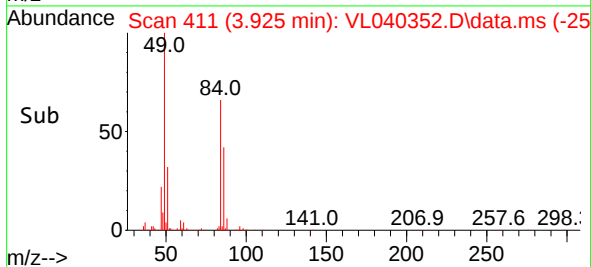
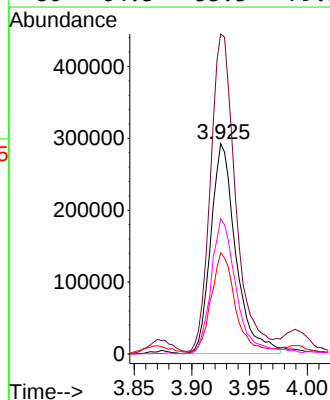
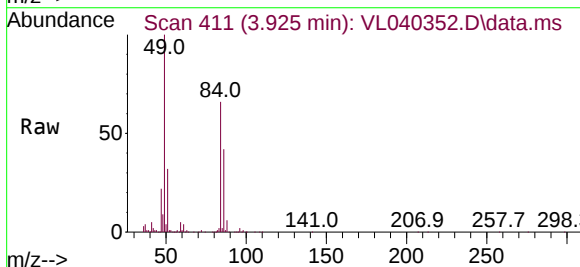
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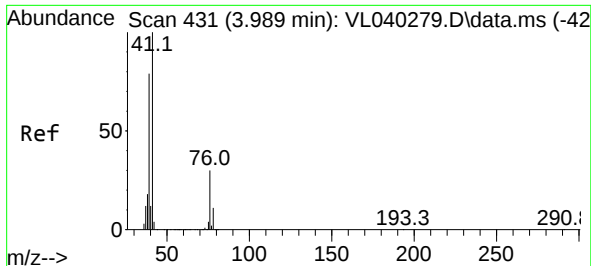
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#20
Methylene Chloride
Concen: 8.507 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

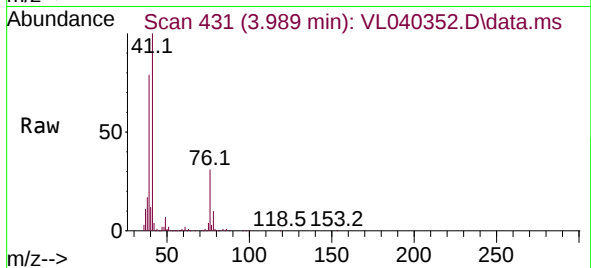
Tgt Ion: 84 Resp: 440989
Ion Ratio Lower Upper
84 100
49 150.5 117.5 176.3
51 46.8 36.9 55.3
86 64.3 53.3 79.9





#21
 Allyl Chloride
 Concen: 9.694 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040352.D
 Acq: 13 Apr 2023 1:21

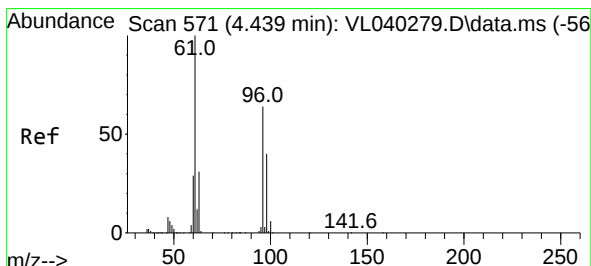
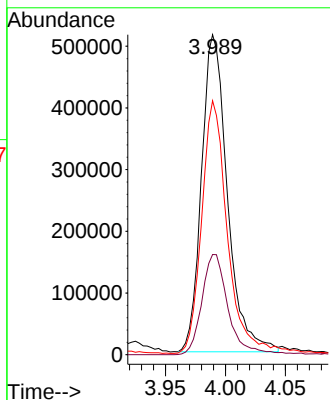
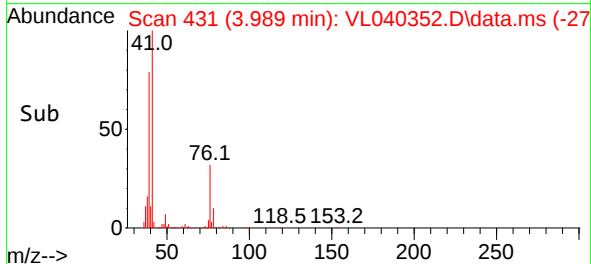
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 77368
 Ion Ratio Lower Upper
 41 100
 76 32.2 25.4 38.0
 39 80.2 65.4 98.2

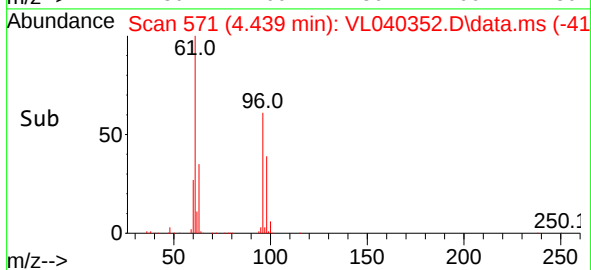
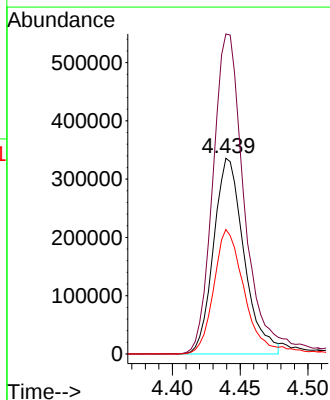
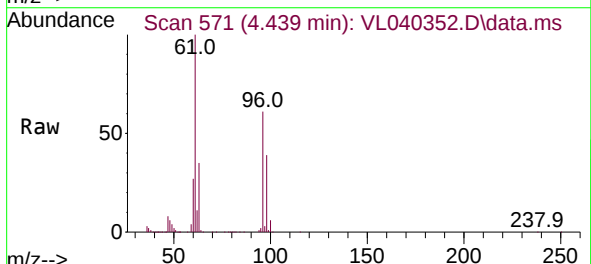
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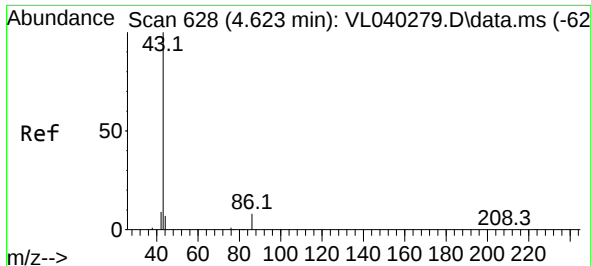
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#22
 trans-1,2-Dichloroethene
 Concen: 8.891 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VL040352.D
 Acq: 13 Apr 2023 1:21

Tgt Ion: 96 Resp: 524538
 Ion Ratio Lower Upper
 96 100
 61 163.5 125.4 188.2
 98 63.6 49.8 74.6





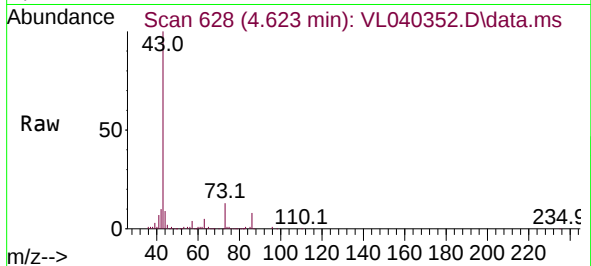
#23
 Vinyl Acetate
 Concen: 9.862 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL040352.D
 Acq: 13 Apr 2023 1:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

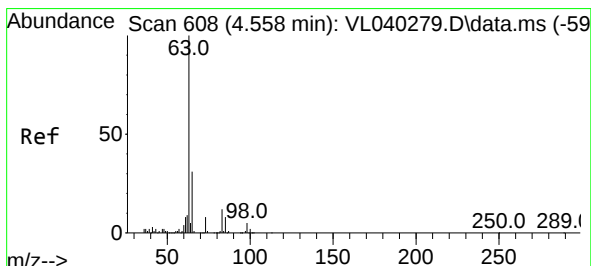
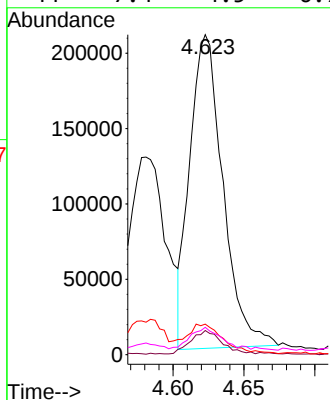
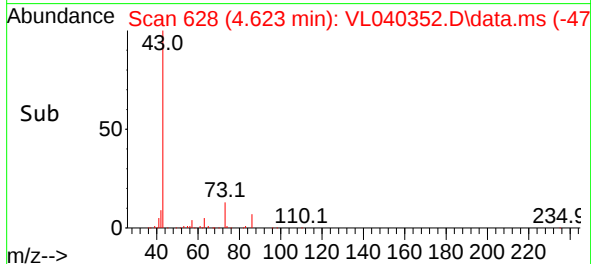


Tgt Ion: 43 Resp: 338075
 Ion Ratio Lower Upper
 43 100
 86 7.5 5.0 7.4
 42 9.5 9.1 13.7
 44 7.4 4.5 6.7#

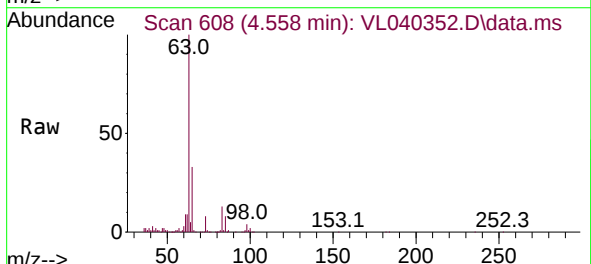
Manual Integrations

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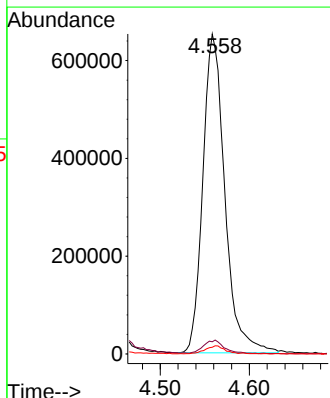
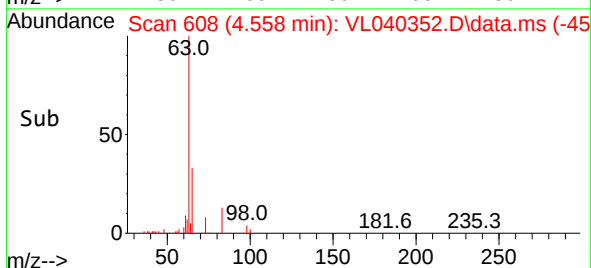
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

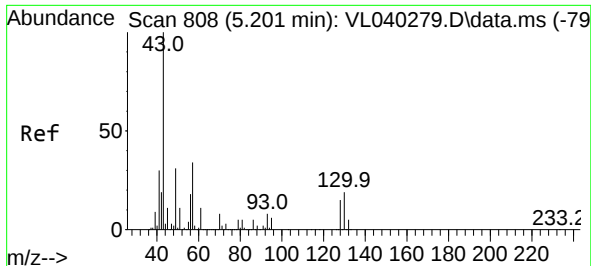


#24
 1,1-Dichloroethane
 Concen: 9.128 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL040352.D
 Acq: 13 Apr 2023 1:21



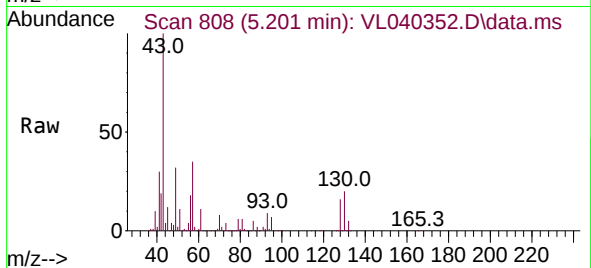
Tgt Ion: 63 Resp: 1116065
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.4 7.2
 100 2.1 1.2 3.6





#25
Ethyl Acetate
Concen: 9.719 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

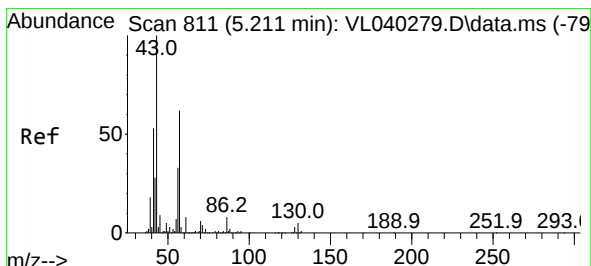
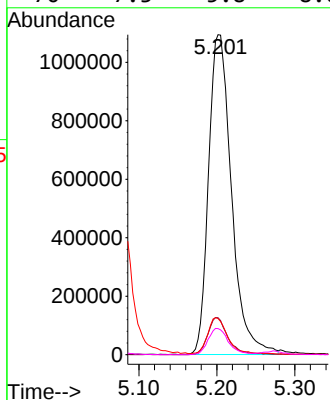
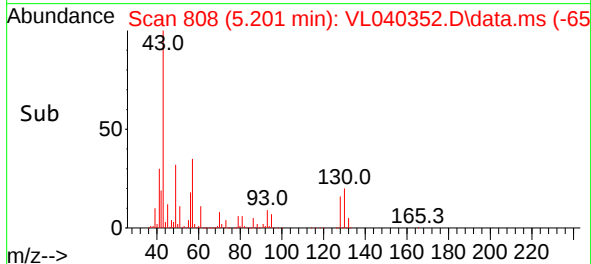


Tgt Ion: 43 Resp: 2242039

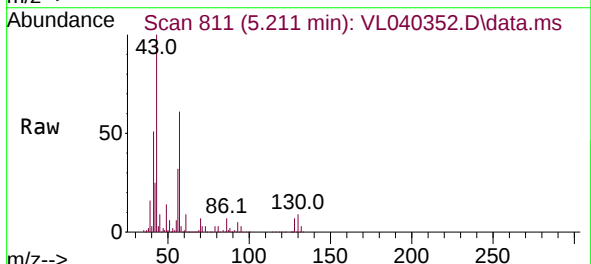
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.6	12.8
61	10.4	8.4	12.6
70	7.3	5.8	8.6

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Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

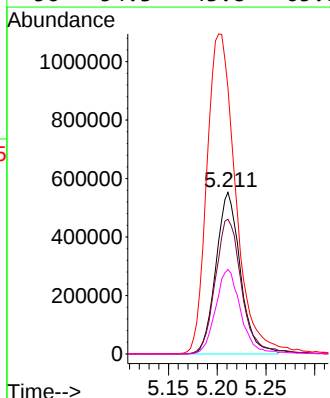
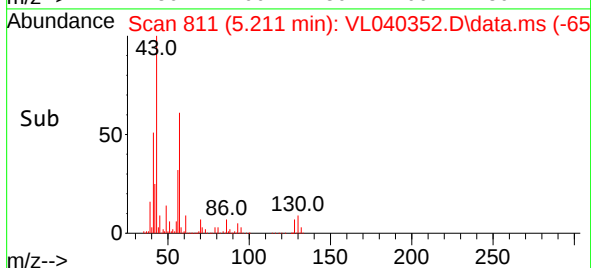


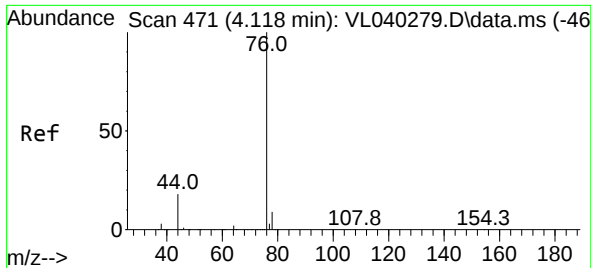
#26
Hexane
Concen: 10.147 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21



Tgt Ion: 57 Resp: 960821

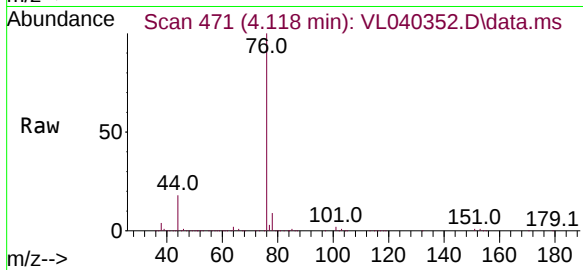
Ion	Ratio	Lower	Upper
57	100		
41	90.8	73.5	110.3
43	235.5	196.3	294.5
56	54.3	43.8	65.8





#27
Carbon Disulfide
Concen: 9.947 ppbv
RT: 4.118 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

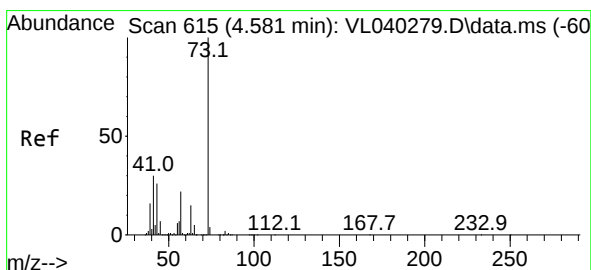
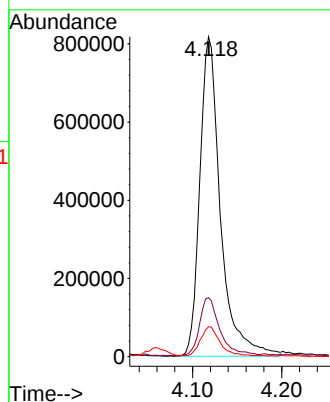
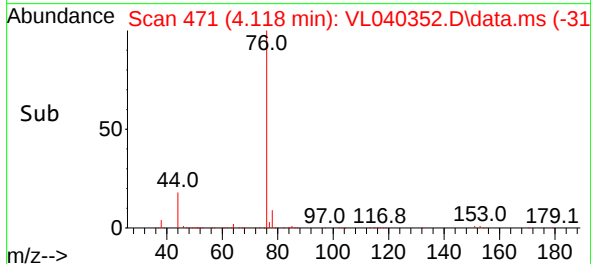
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 131558
Ion Ratio Lower Upper
76 100
44 18.8 15.2 22.8
78 8.6 7.6 11.4

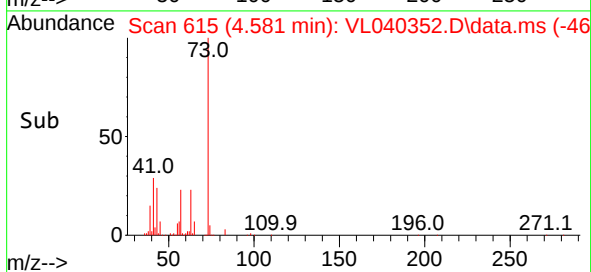
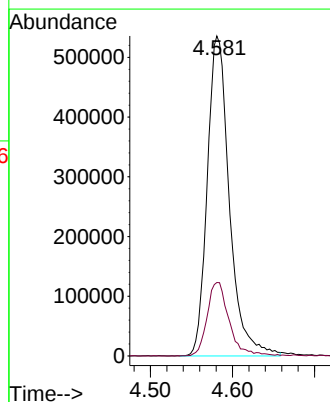
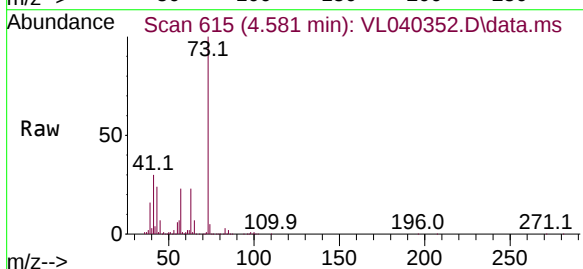
Manual Integrations
APPROVED

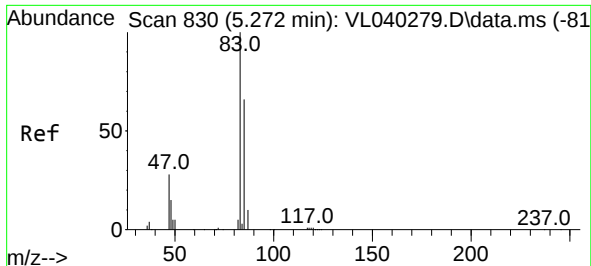
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#28
Methyl tert-Butyl Ether
Concen: 9.242 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.000 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

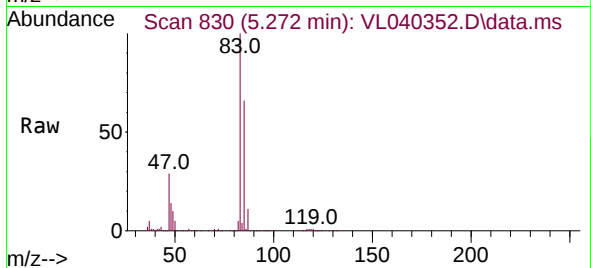
Tgt Ion: 73 Resp: 1004817
Ion Ratio Lower Upper
73 100
57 23.1 18.4 27.6





#29
Chloroform
Concen: 9.868 ppbv
RT: 5.272 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

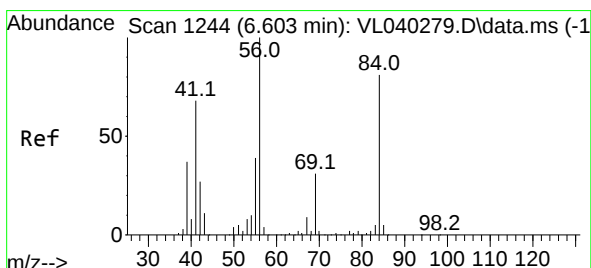
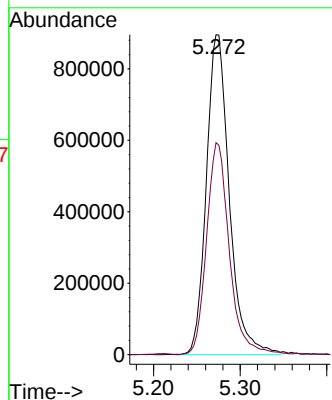
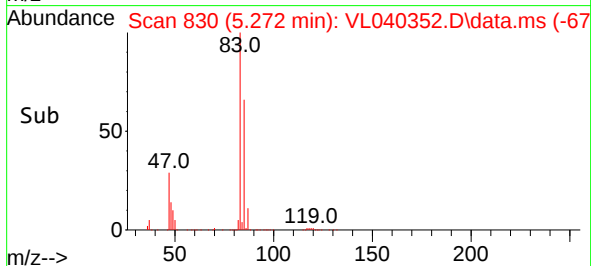
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 165003
Ion Ratio Lower Upper
83 100
85 66.2 52.8 79.2

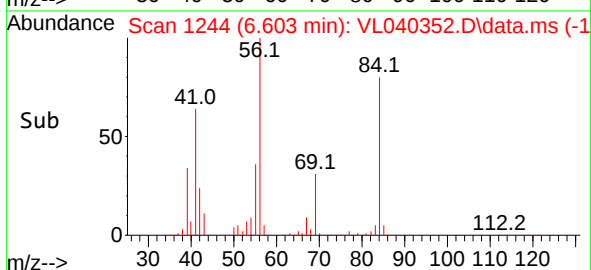
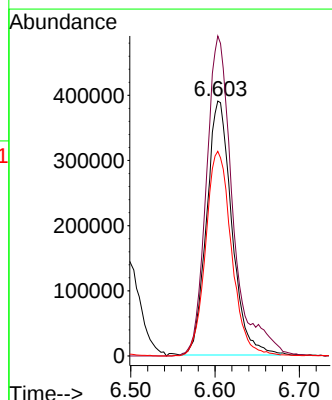
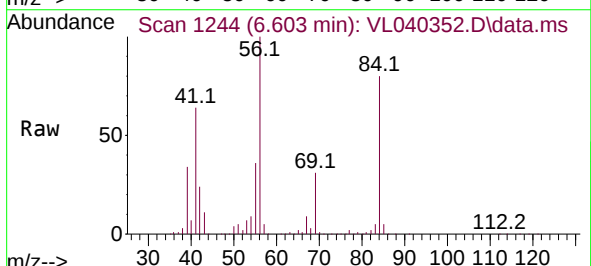
Manual Integrations
APPROVED

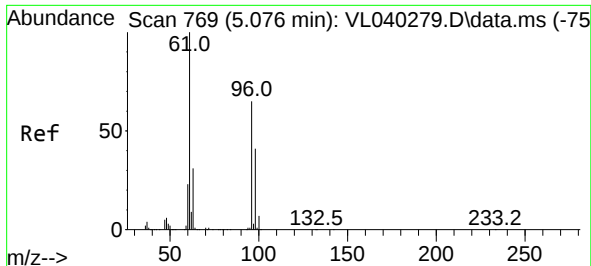
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#30
Cyclohexane
Concen: 10.885 ppbv
RT: 6.603 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

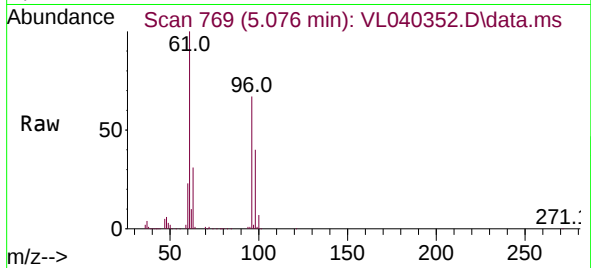
Tgt Ion: 84 Resp: 812197
Ion Ratio Lower Upper
84 100
56 133.4 109.0 163.4
41 82.9 67.9 101.9





#31
 cis-1,2-Dichloroethene
 Concen: 10.787 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VL040352.D
 Acq: 13 Apr 2023 1:21

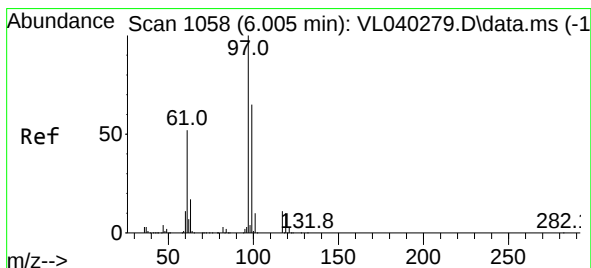
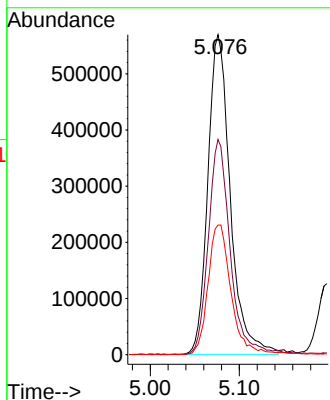
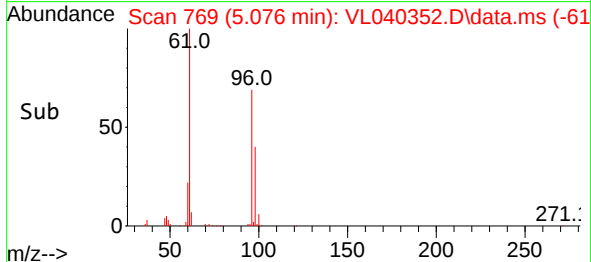
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



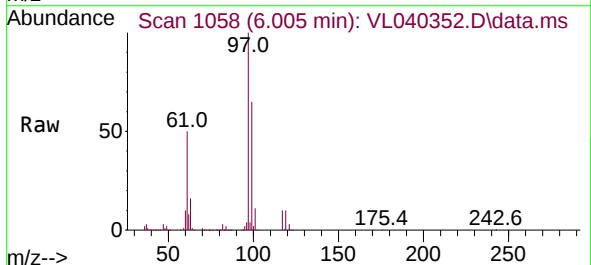
Tgt Ion: 61 Resp: 994732
 Ion Ratio Lower Upper
 61 100
 96 67.2 51.8 77.8
 98 40.5 32.5 48.7

Manual Integrations
 APPROVED

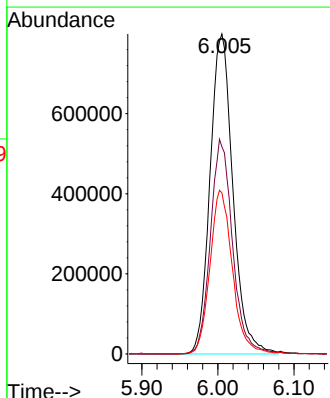
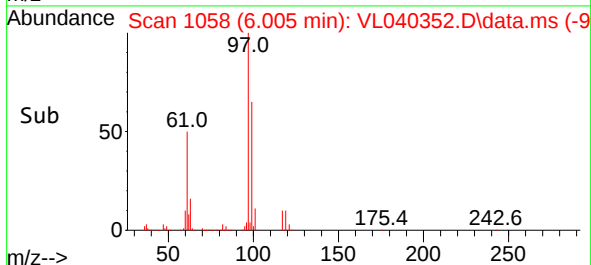
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

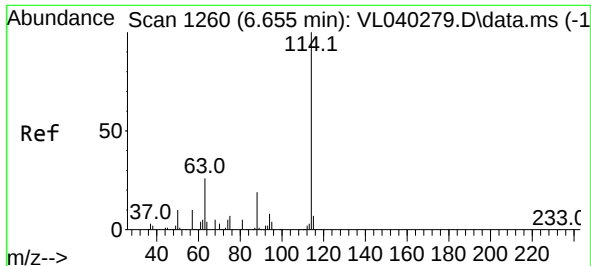


#32
 1,1,1-Trichloroethane
 Concen: 10.426 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VL040352.D
 Acq: 13 Apr 2023 1:21



Tgt Ion: 97 Resp: 1670178
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.2 78.2
 61 50.5 41.4 62.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL040352.D

Acq: 13 Apr 2023 1:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 114 Resp: 2533719

Ion Ratio Lower Upper

114 100

63 26.2 21.2 31.8

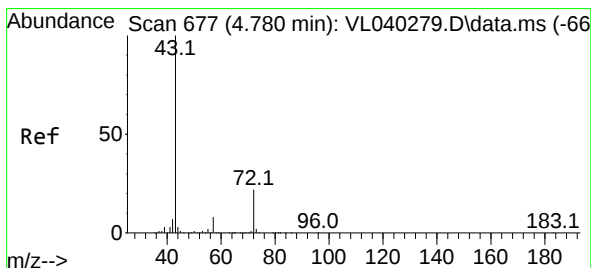
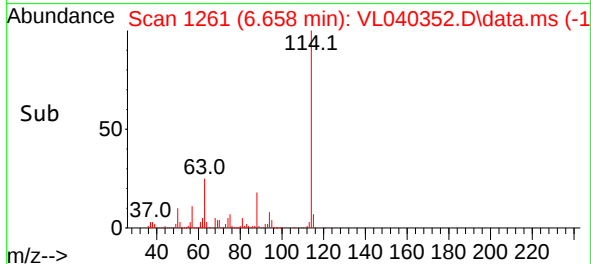
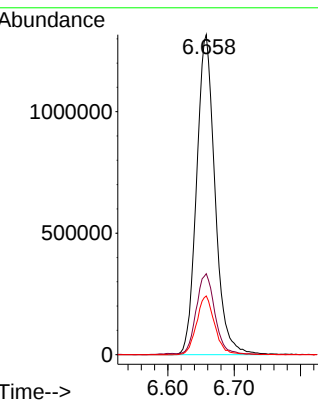
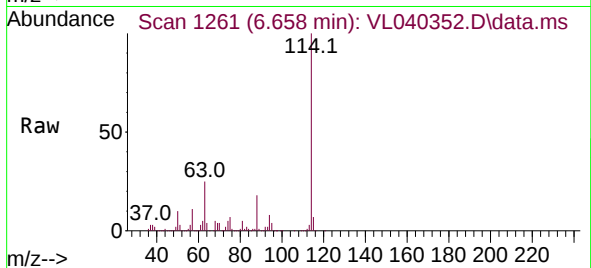
88 18.1 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#34

2-Butanone

Concen: 10.342 ppbv

RT: 4.783 min Scan# 678

Delta R.T. 0.003 min

Lab File: VL040352.D

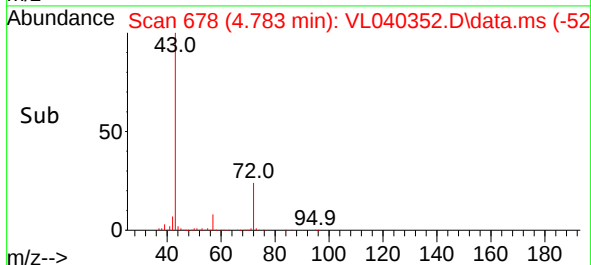
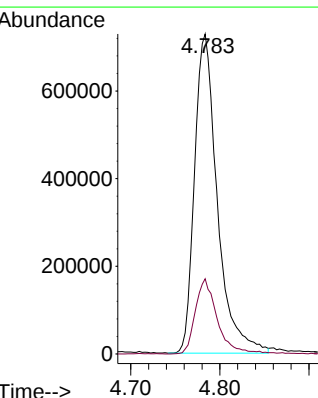
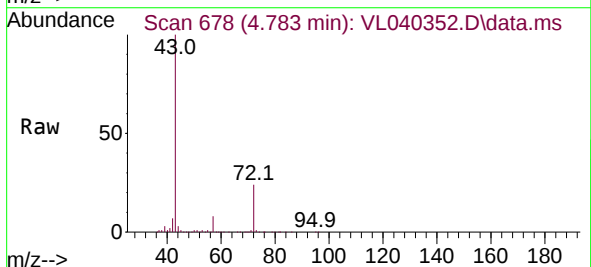
Acq: 13 Apr 2023 1:21

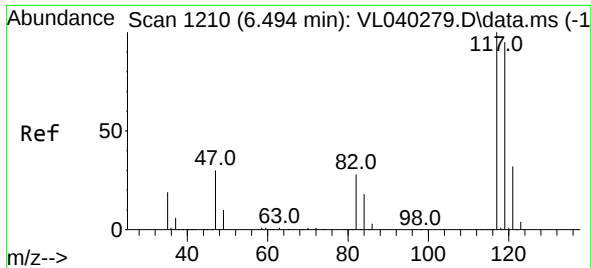
Tgt Ion: 43 Resp: 1293279

Ion Ratio Lower Upper

43 100

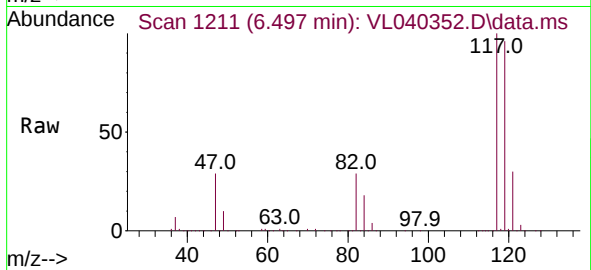
72 23.0 18.3 27.5





#35
Carbon Tetrachloride
Concen: 10.656 ppbv
RT: 6.497 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

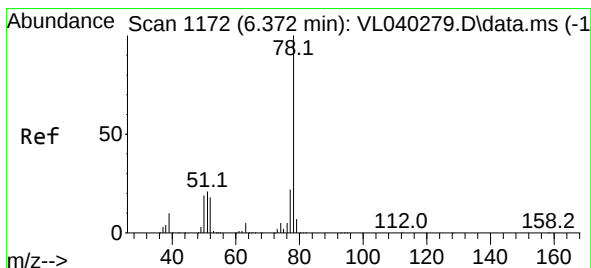
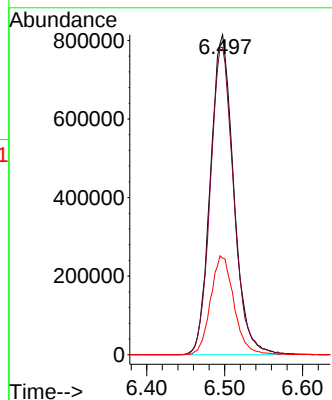
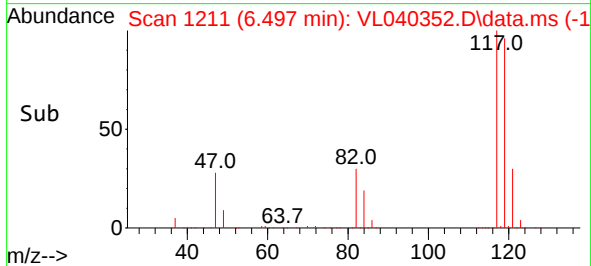
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 169431
Ion Ratio Lower Upper
117 100
119 96.0 76.4 114.6
121 30.2 25.6 38.4

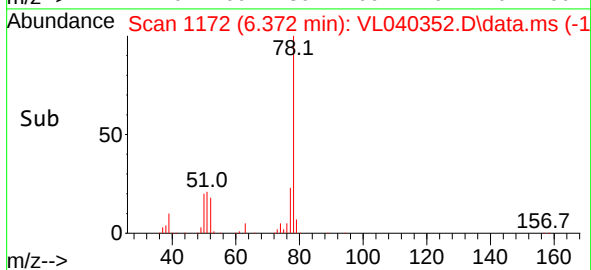
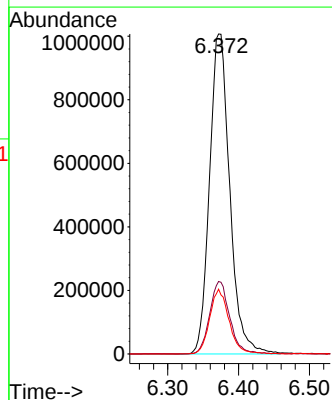
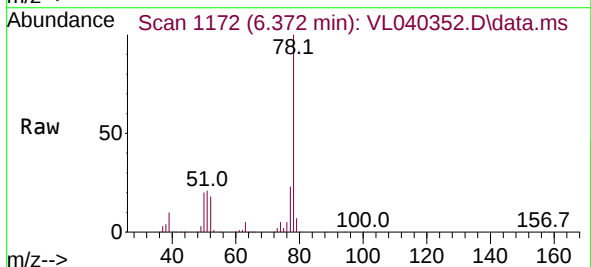
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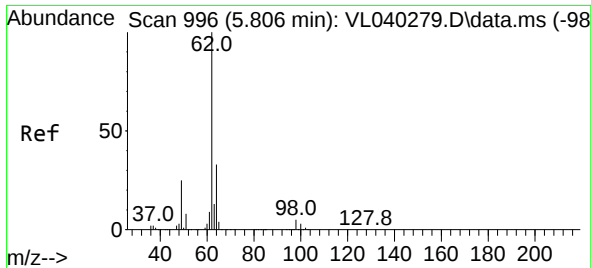
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#36
Benzene
Concen: 10.330 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

Tgt Ion: 78 Resp: 1994604
Ion Ratio Lower Upper
78 100
77 22.6 17.8 26.8
50 20.3 15.4 23.2





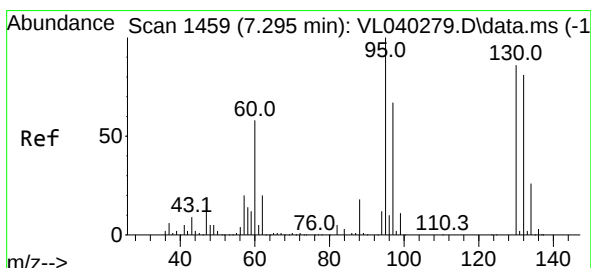
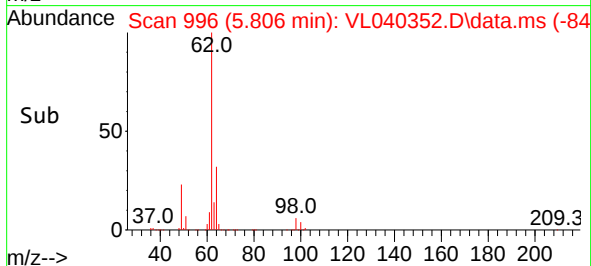
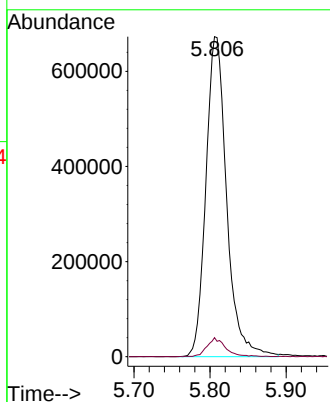
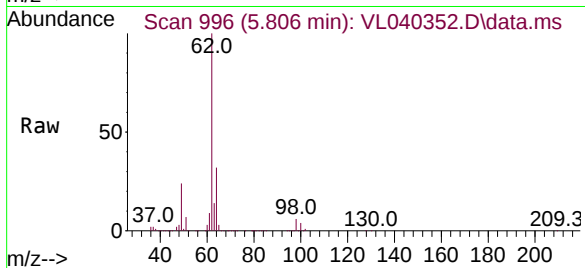
#37
1,2-Dichloroethane
Concen: 10.140 ppbv
RT: 5.806 min Scan# 996
Delta R.T. -0.000 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 1274410
Ion Ratio Lower Upper
62 100
98 5.4 4.3 6.5

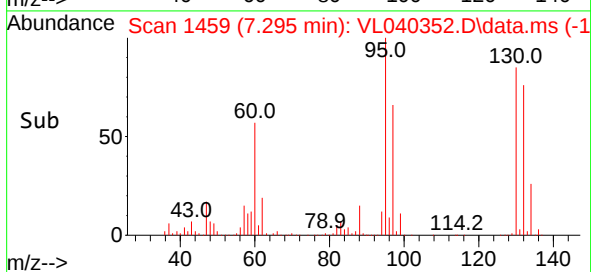
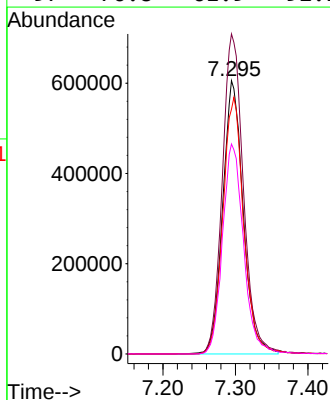
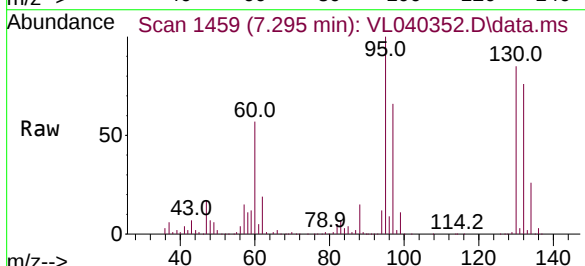
Manual Integrations
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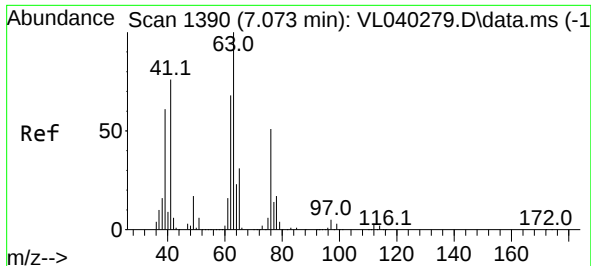
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#38
Trichloroethene
Concen: 11.285 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

Tgt Ion:130 Resp: 1190788
Ion Ratio Lower Upper
130 100
95 117.1 93.0 139.4
132 89.5 75.3 112.9
97 76.8 61.9 92.9





#39

1,2-Dichloropropane

Concen: 10.143 ppbv

RT: 7.076 min Scan# 1390

Delta R.T. 0.003 min

Lab File: VL040352.D

Acq: 13 Apr 2023 1:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

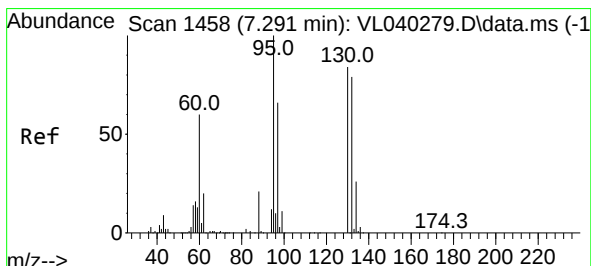
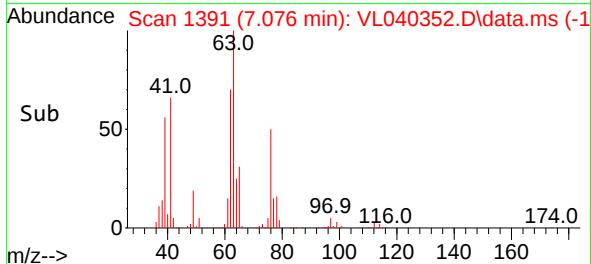
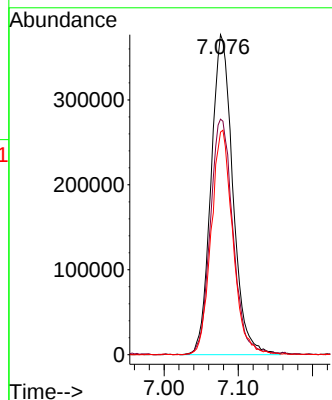
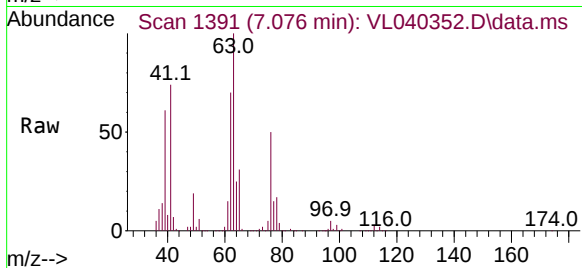
Tgt Ion: 63 Resp: 768359

Ion	Ratio	Lower	Upper
63	100		
41	73.6	60.8	91.2
62	69.4	54.1	81.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#40

1,4-Dioxane

Concen: 7.989 ppbv

RT: 7.291 min Scan# 1458

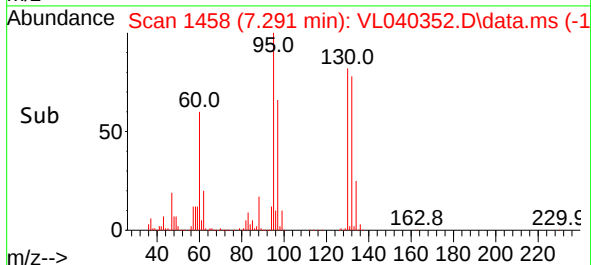
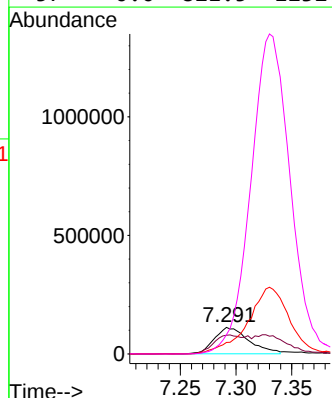
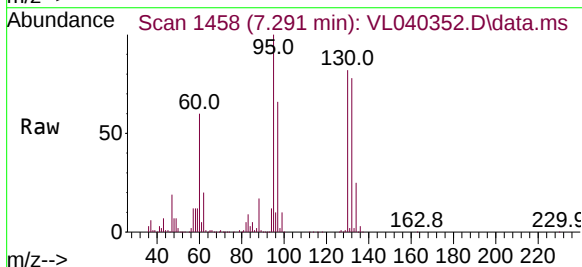
Delta R.T. 0.000 min

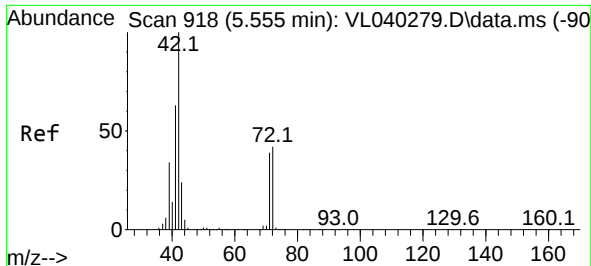
Lab File: VL040352.D

Acq: 13 Apr 2023 1:21

Tgt Ion: 88 Resp: 239447

Ion	Ratio	Lower	Upper
88	100		
58	71.9	96.0	144.0#
43	0.0	187.6	281.4#
57	0.0	821.5	1232.3#





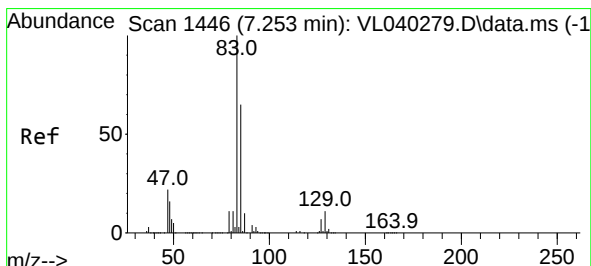
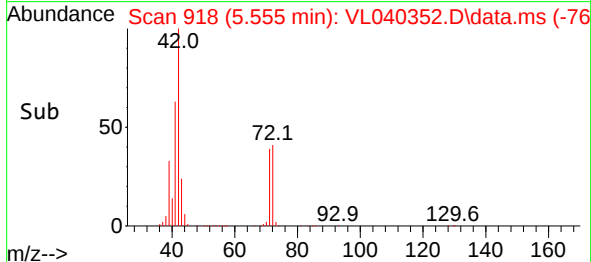
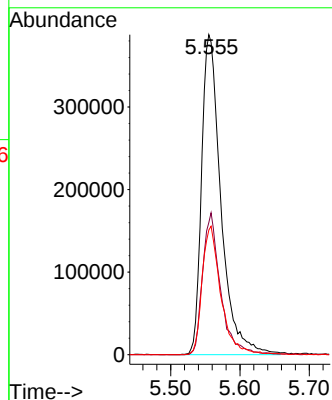
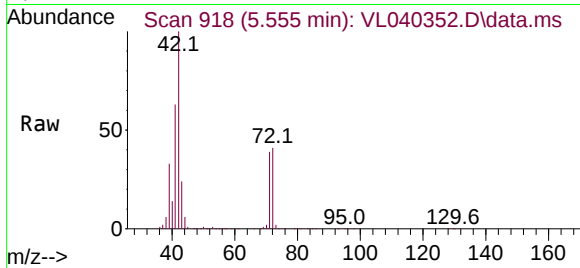
#41
Tetrahydrofuran
Concen: 10.417 ppbv
RT: 5.555 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 42 Resp: 751793
Ion Ratio Lower Upper
42 100
72 41.1 32.6 49.0
71 39.1 31.0 46.4

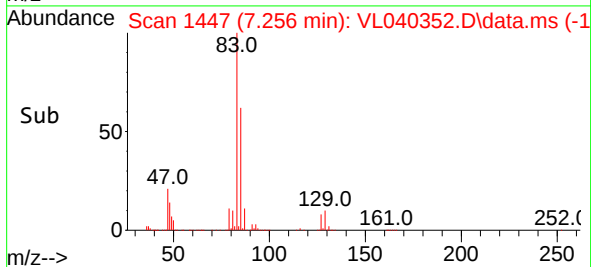
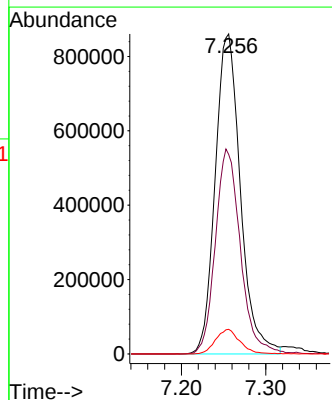
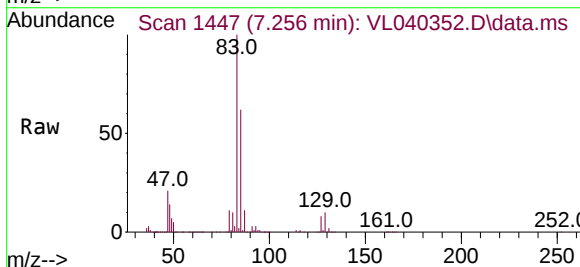
Manual Integrations
APPROVED

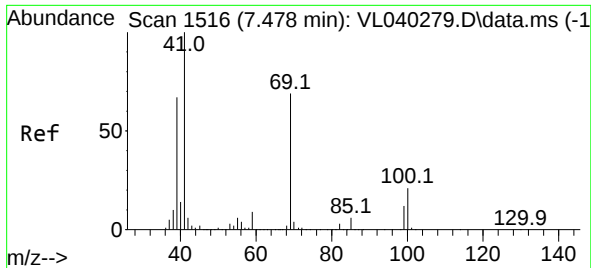
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#42
Bromodichloromethane
Concen: 10.398 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

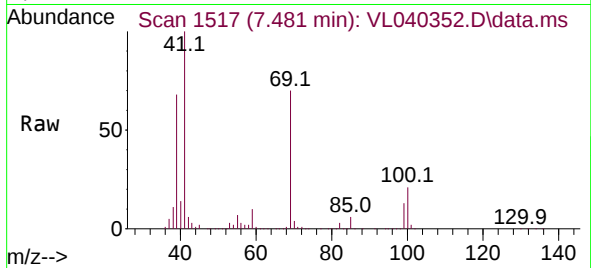
Tgt Ion: 83 Resp: 1785794
Ion Ratio Lower Upper
83 100
85 62.4 52.1 78.1
127 7.7 5.8 8.6





#43
Methyl Methacrylate
Concen: 10.989 ppbv
RT: 7.481 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

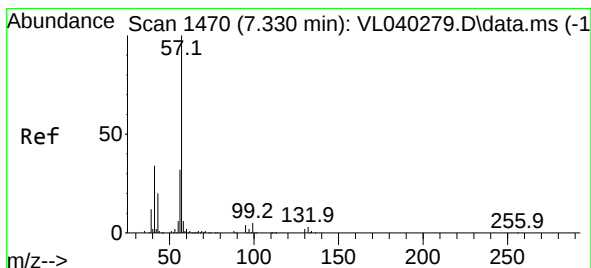
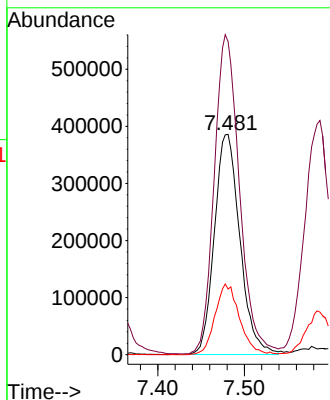
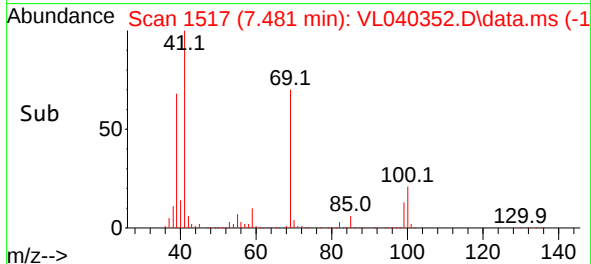
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 78851
Ion Ratio Lower Upper
69 100
41 144.2 116.9 175.3
100 31.0 24.2 36.4

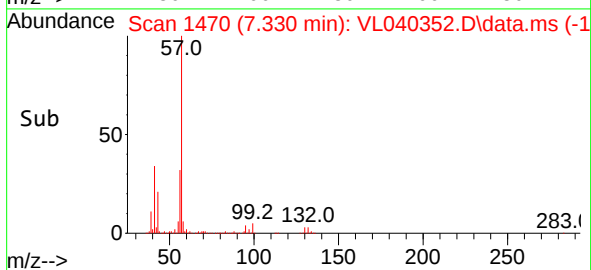
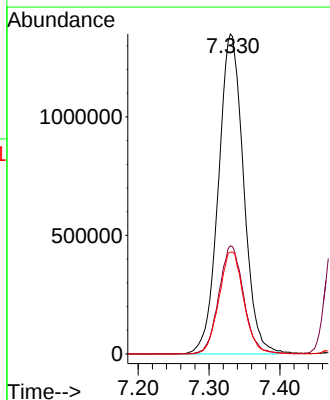
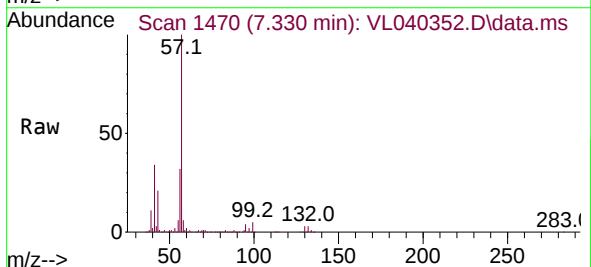
Manual Integrations
APPROVED

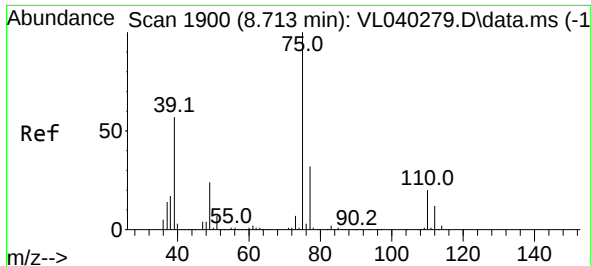
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#44
2,2,4-Trimethylpentane
Concen: 10.323 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

Tgt Ion: 57 Resp: 3323242
Ion Ratio Lower Upper
57 100
41 33.5 26.8 40.2
56 31.5 25.0 37.6





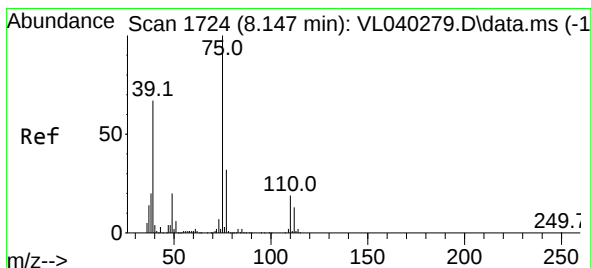
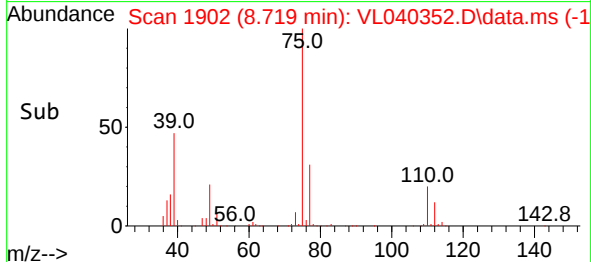
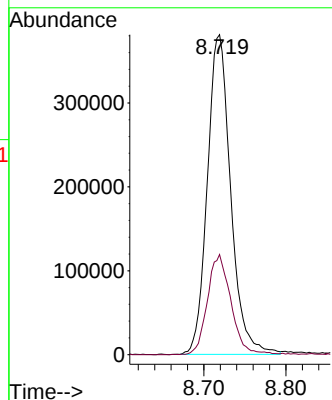
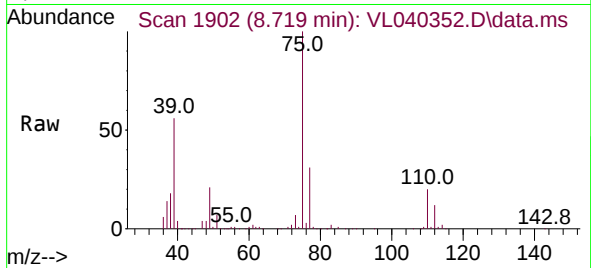
#45
 t-1,3-Dichloropropene
 Concen: 12.039 ppbv
 RT: 8.719 min Scan# 1900
 Delta R.T. 0.006 min
 Lab File: VL040352.D
 Acq: 13 Apr 2023 1:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 75 Resp: 75310
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0

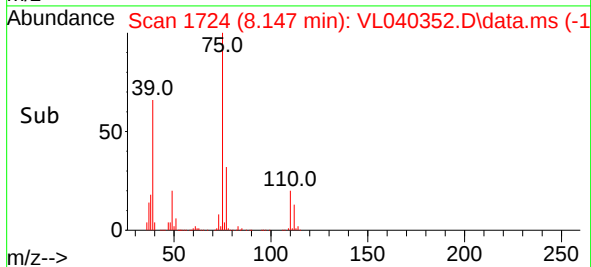
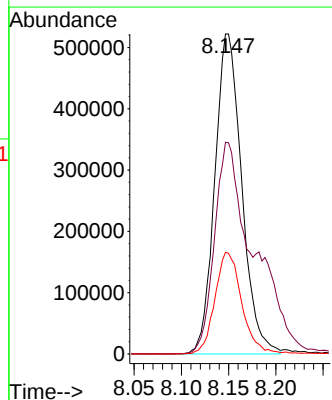
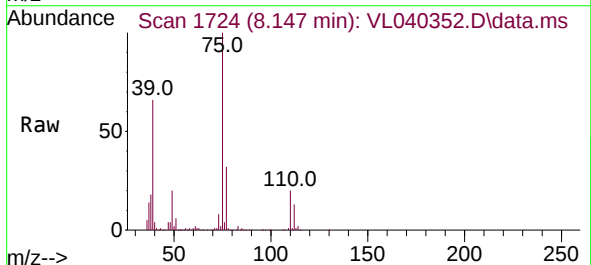
Manual Integrations
 APPROVED

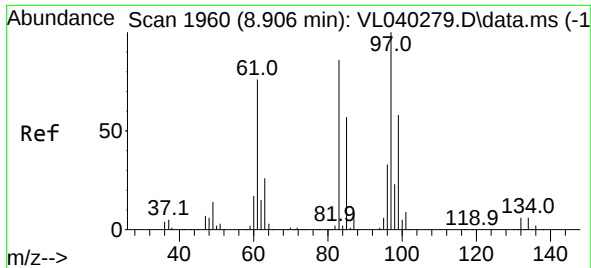
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#46
 cis-1,3-Dichloropropene
 Concen: 11.644 ppbv
 RT: 8.147 min Scan# 1724
 Delta R.T. -0.000 min
 Lab File: VL040352.D
 Acq: 13 Apr 2023 1:21

Tgt Ion: 75 Resp: 1034343
 Ion Ratio Lower Upper
 75 100
 39 66.0 53.9 80.9
 77 31.8 25.3 37.9





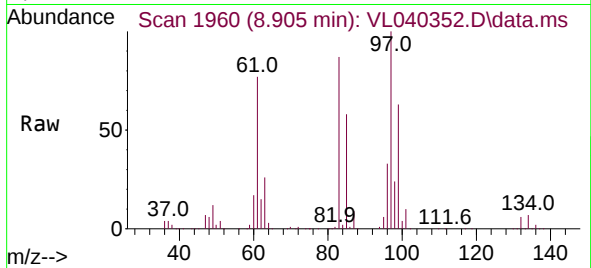
#47
1,1,2-Trichloroethane
Concen: 10.131 ppbv
RT: 8.905 min Scan# 1960
Delta R.T. -0.001 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

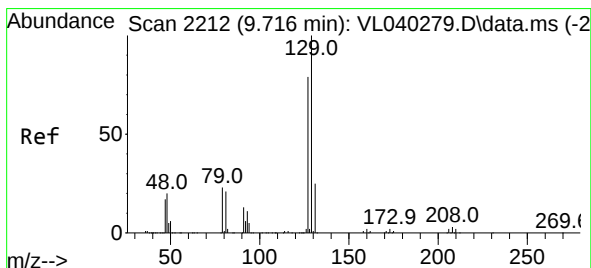
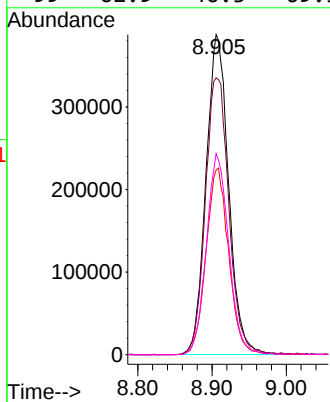
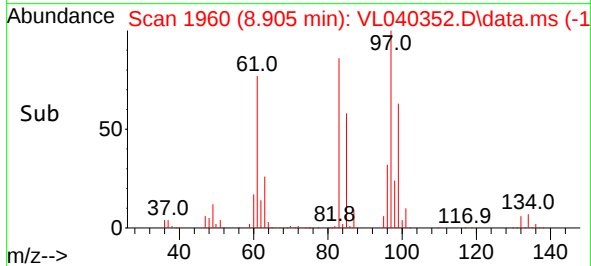


Tgt Ion: 97 Resp: 818915
Ion Ratio Lower Upper
97 100
83 86.4 68.6 103.0
85 57.8 46.0 69.0
99 62.9 46.3 69.5

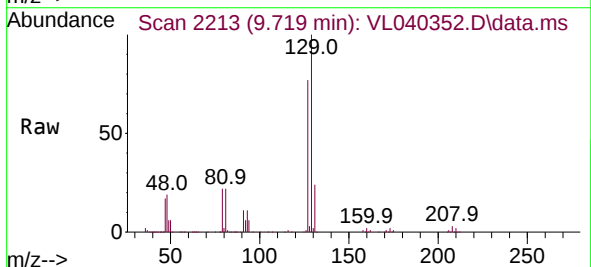
Manual Integrations

APPROVED

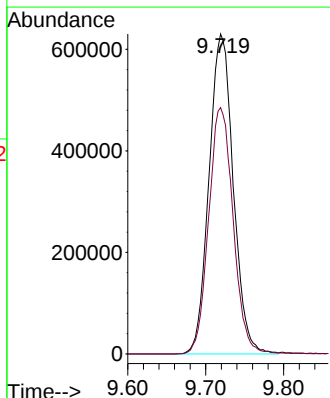
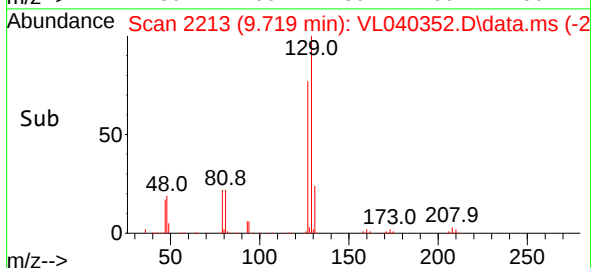
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

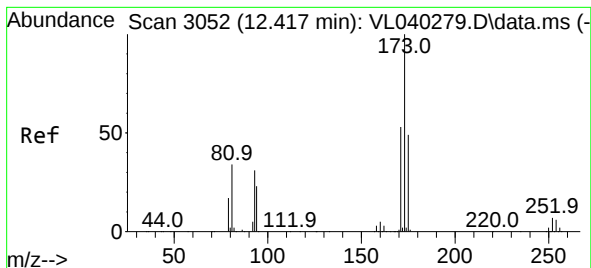


#48
Dibromochloromethane
Concen: 10.266 ppbv
RT: 9.719 min Scan# 2213
Delta R.T. 0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21



Tgt Ion:129 Resp: 1365494
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.5





#49

Bromoform

Concen: 10.157 ppbv

RT: 12.420 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VL040352.D

Acq: 13 Apr 2023 1:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 1014659

Ion Ratio Lower Upper

173 100

175 48.9 39.8 59.8

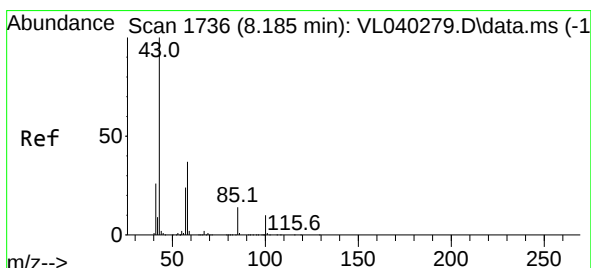
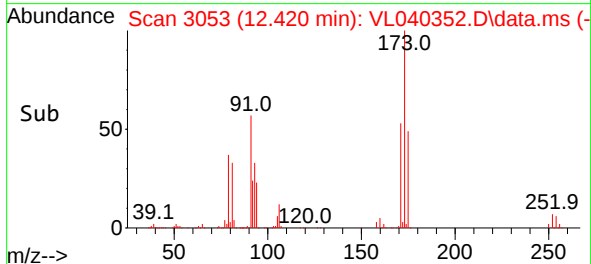
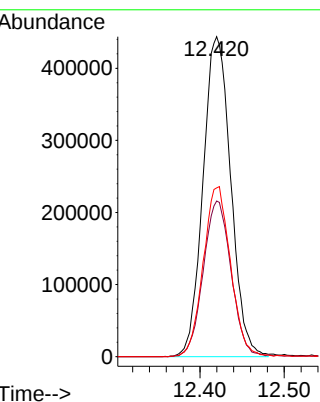
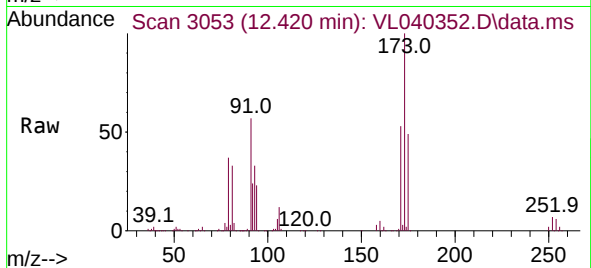
171 52.4 42.2 63.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#50

4-Methyl-2-Pentanone

Concen: 10.206 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VL040352.D

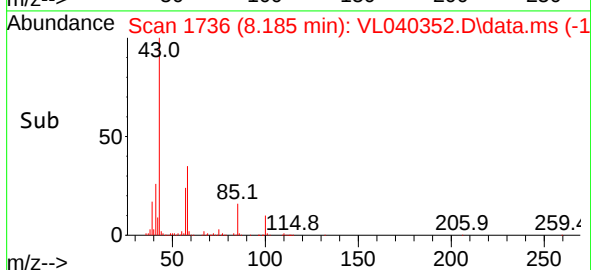
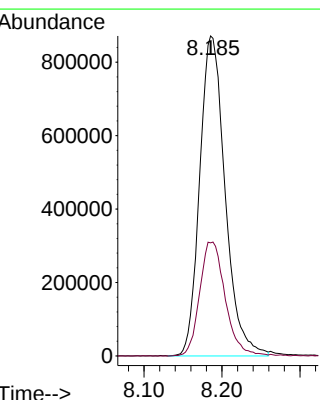
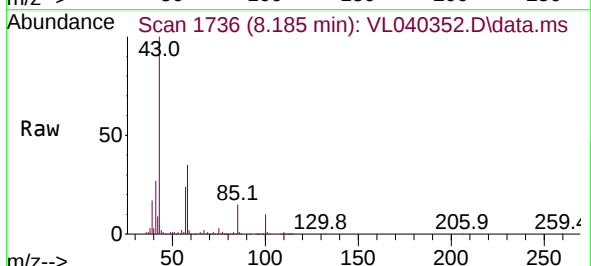
Acq: 13 Apr 2023 1:21

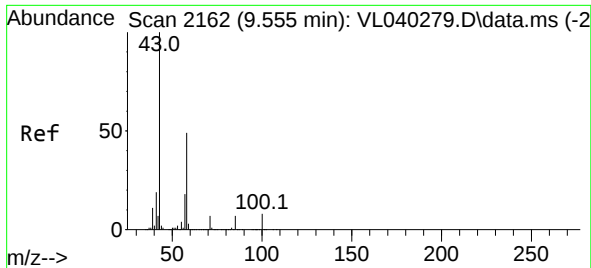
Tgt Ion: 43 Resp: 1974917

Ion Ratio Lower Upper

43 100

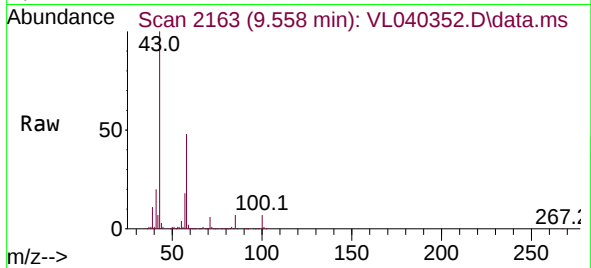
58 36.0 29.2 43.8





#51
2-Hexanone
Concen: 9.632 ppbv
RT: 9.558 min Scan# 2162
Delta R.T. 0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

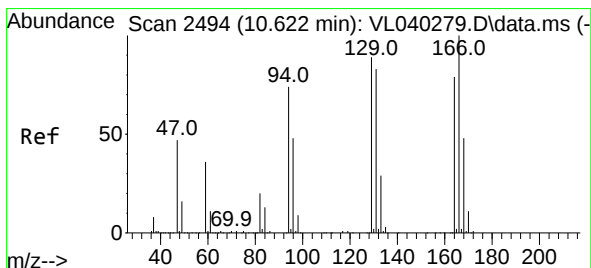
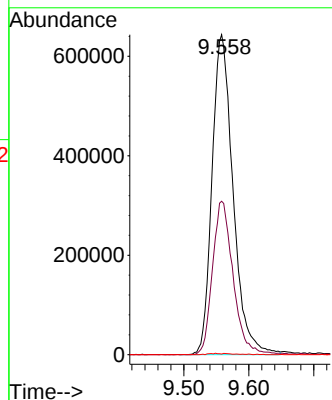
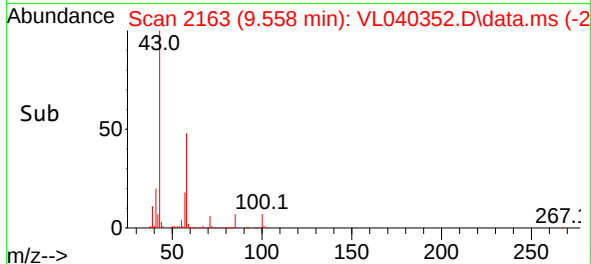
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



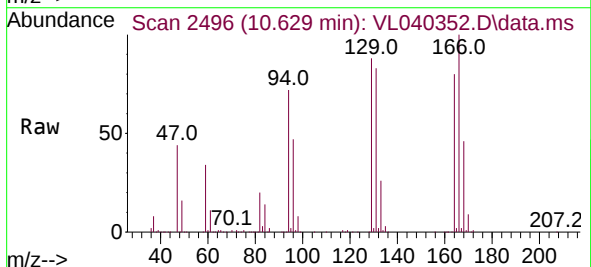
Tgt Ion: 43 Resp: 1443908
Ion Ratio Lower Upper
43 100
58 47.6 38.0 57.0
98 0.5 0.5 0.7

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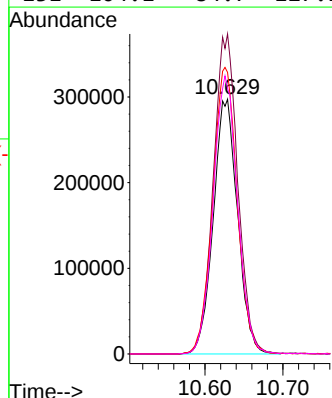
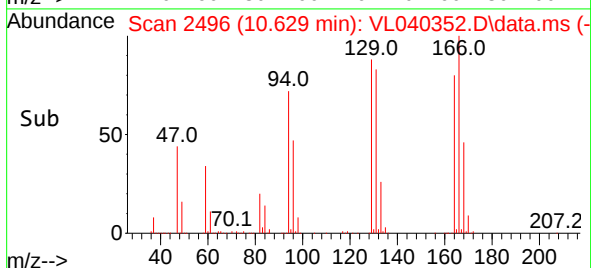
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

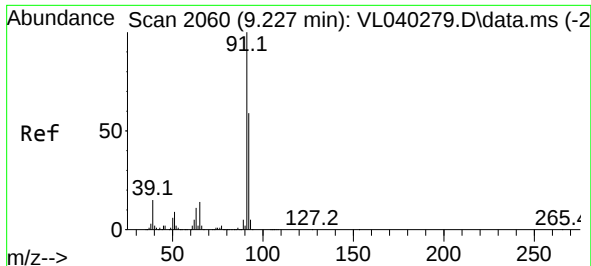


#52
Tetrachloroethene
Concen: 11.040 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.007 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21



Tgt Ion:164 Resp: 644913
Ion Ratio Lower Upper
164 100
166 125.6 101.8 152.6
129 110.5 90.2 135.2
131 104.1 84.7 127.1





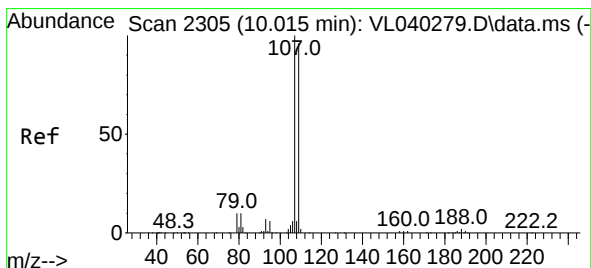
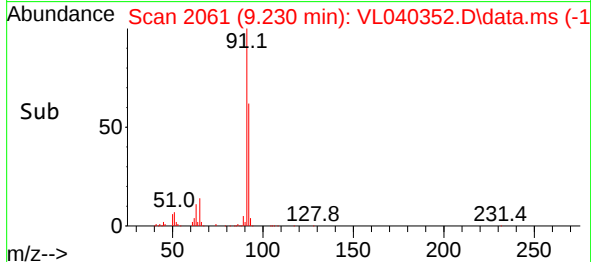
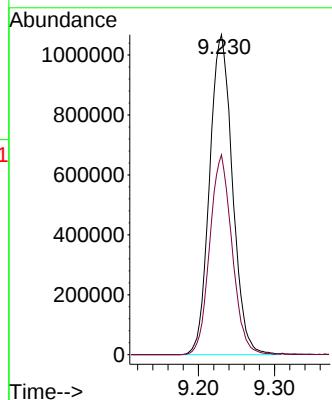
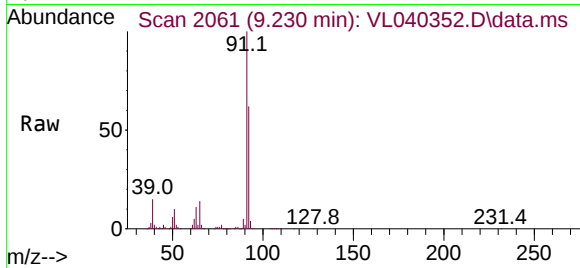
#53
Toluene
Concen: 11.035 ppbv
RT: 9.230 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 223290
Ion Ratio Lower Upper
91 100
92 61.0 48.0 72.0

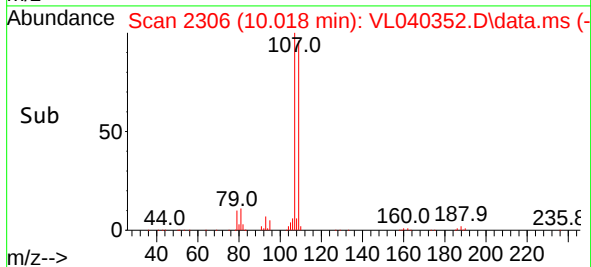
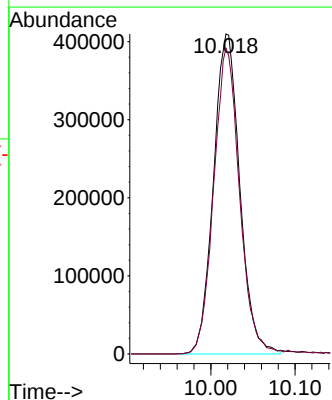
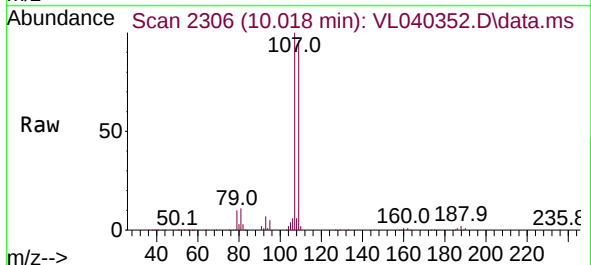
Manual Integrations
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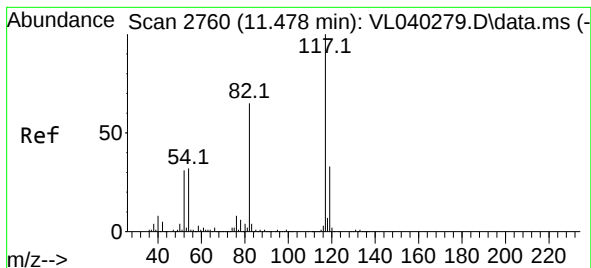
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#54
1,2-Dibromoethane
Concen: 10.651 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

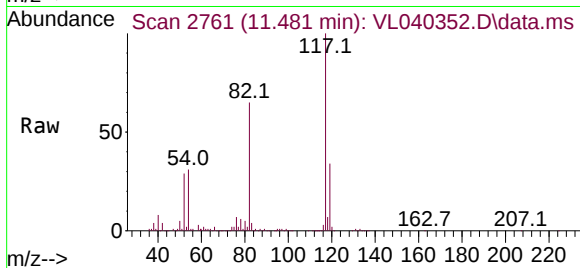
Tgt Ion:107 Resp: 886205
Ion Ratio Lower Upper
107 100
109 95.4 77.0 115.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. 0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

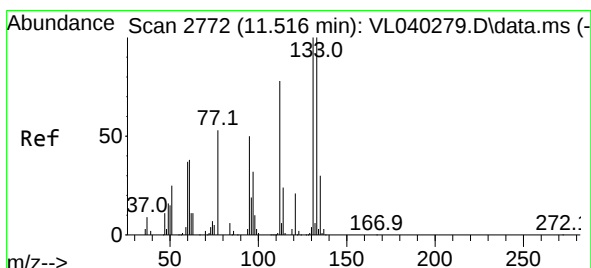
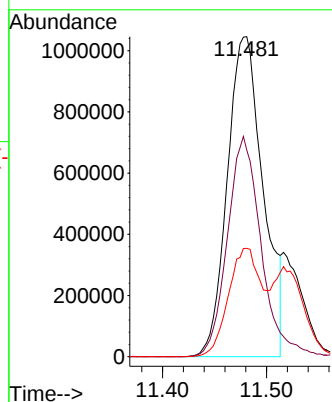
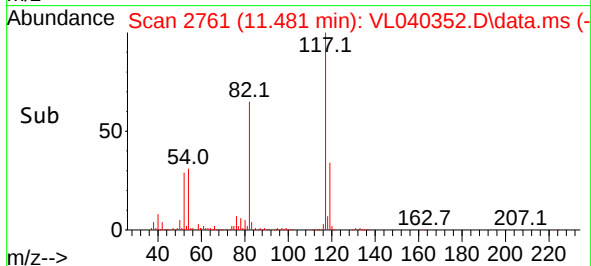
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



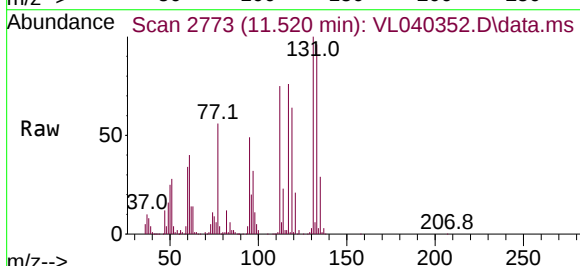
Tgt Ion:117 Resp: 250985
Ion Ratio Lower Upper
117 100
82 65.0 51.4 77.2
119 32.4 24.0 36.0

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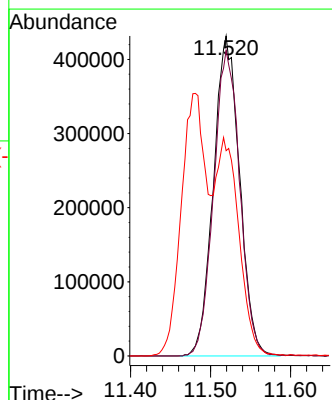
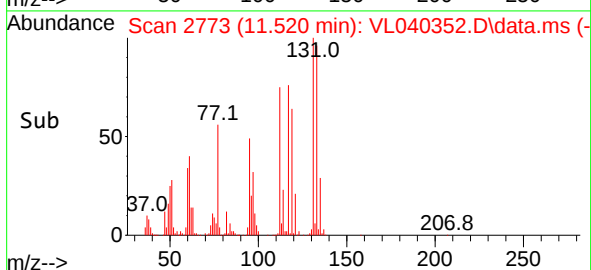
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

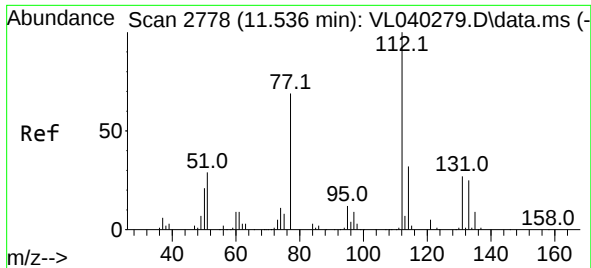


#56
1,1,1,2-Tetrachloroethane
Concen: 9.270 ppbv
RT: 11.520 min Scan# 2773
Delta R.T. 0.004 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21



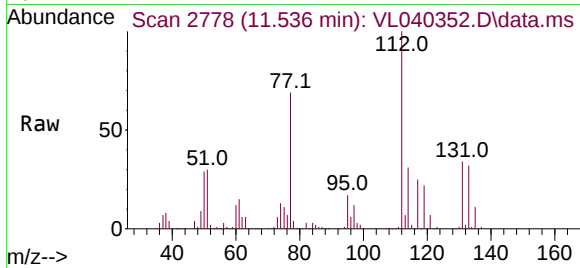
Tgt Ion:131 Resp: 978787
Ion Ratio Lower Upper
131 100
133 95.9 76.5 114.7
119 62.9 47.9 71.9





#57
Chlorobenzene
Concen: 9.193 ppbv
RT: 11.536 min Scan# 2778
Delta R.T. -0.000 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

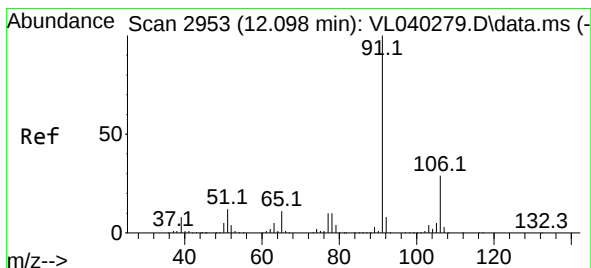
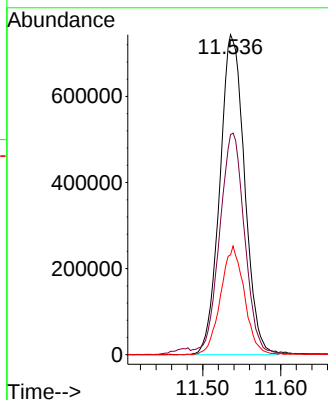
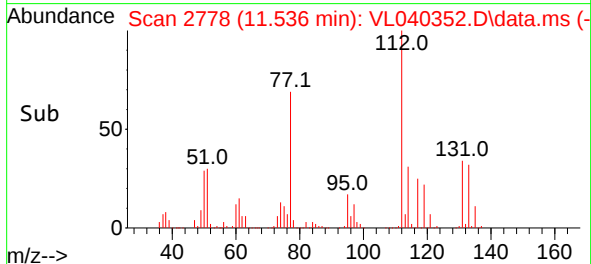
Instrument : MSVOA_1
ClientSampleId : VSTDCCC010EC



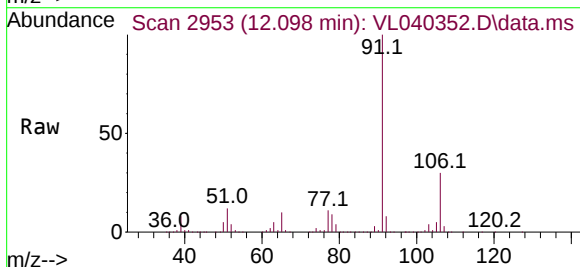
Tgt Ion: 112 Resp: 164133
Ion Ratio Lower Upper
112 100
77 68.3 56.2 84.2
114 31.2 29.0 35.4

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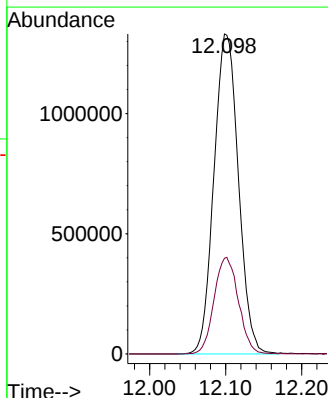
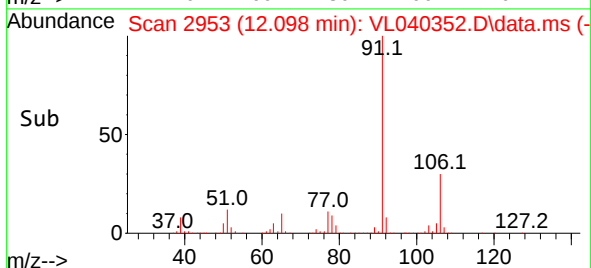
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

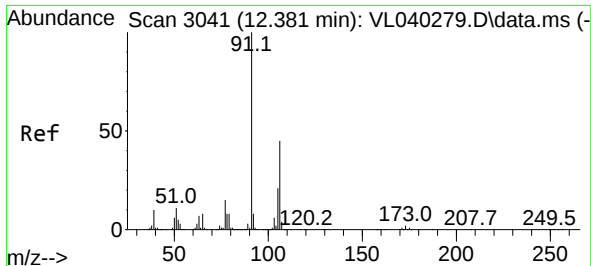


#58
Ethyl Benzene
Concen: 10.408 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21



Tgt Ion: 91 Resp: 2974329
Ion Ratio Lower Upper
91 100
106 29.9 23.4 35.2





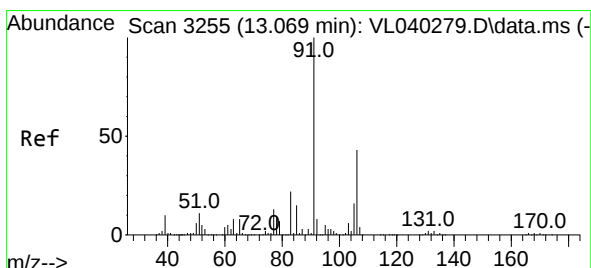
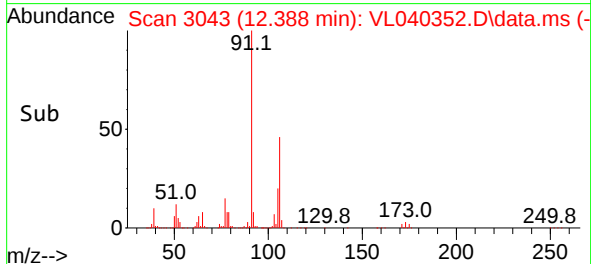
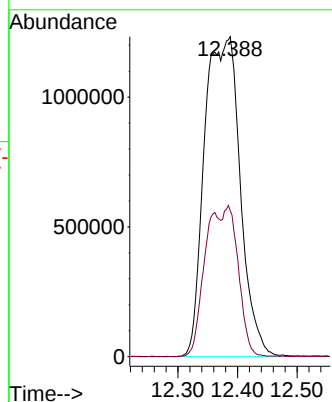
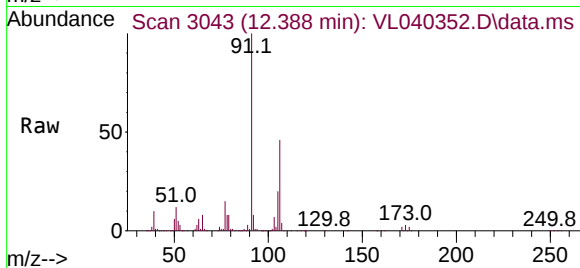
#59
m/p-Xylene
Concen: 19.558 ppbv m
RT: 12.388 min Scan# 3041
Delta R.T. 0.007 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 5120420
Ion Ratio Lower Upper
91 100
106 43.4 34.0 51.0

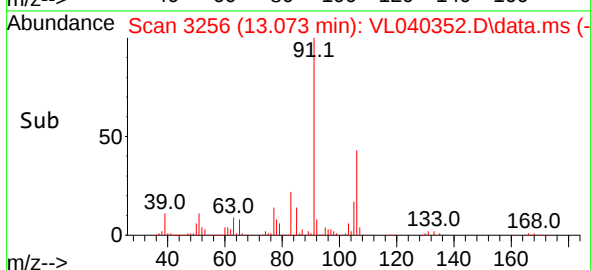
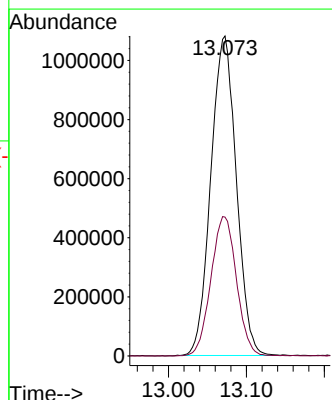
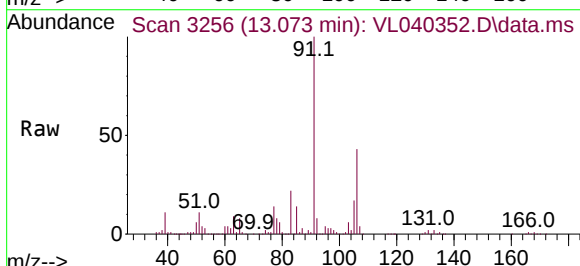
Manual Integrations
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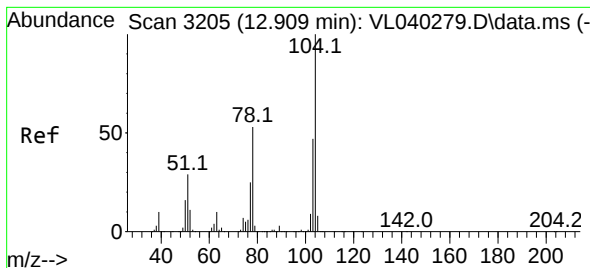
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#60
o-Xylene
Concen: 9.829 ppbv
RT: 13.073 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

Tgt Ion: 91 Resp: 2460006
Ion Ratio Lower Upper
91 100
106 43.9 21.7 65.1





#61

Styrene

Concen: 10.882 ppbv

RT: 12.912 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040352.D

Acq: 13 Apr 2023 1:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 138205

Ion Ratio Lower Upper

104 100

78 53.1 43.7 65.5

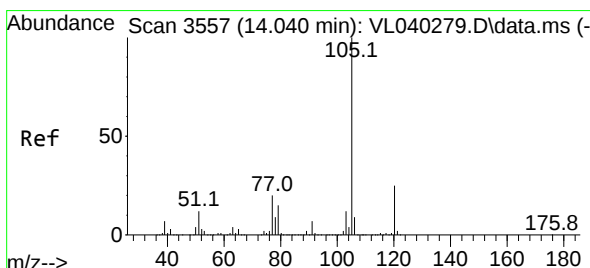
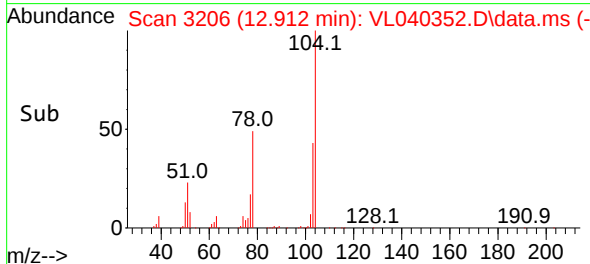
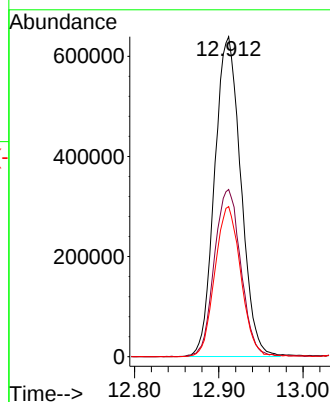
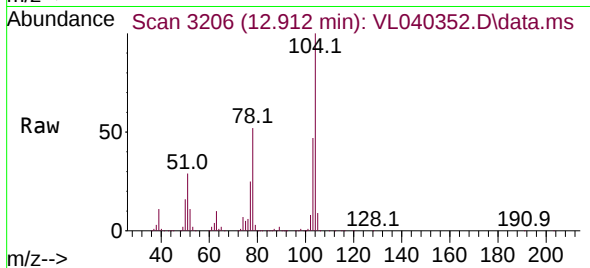
103 46.7 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#62

Isopropylbenzene

Concen: 9.682 ppbv

RT: 14.044 min Scan# 3558

Delta R.T. 0.004 min

Lab File: VL040352.D

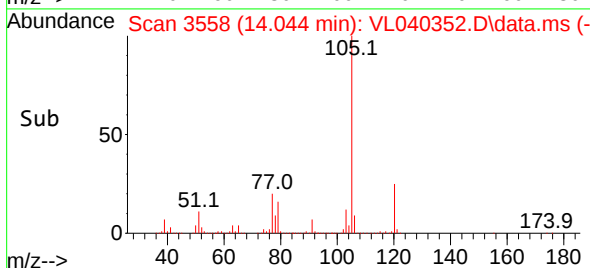
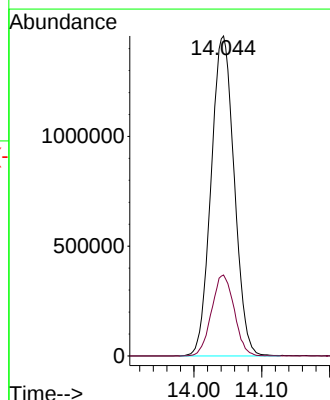
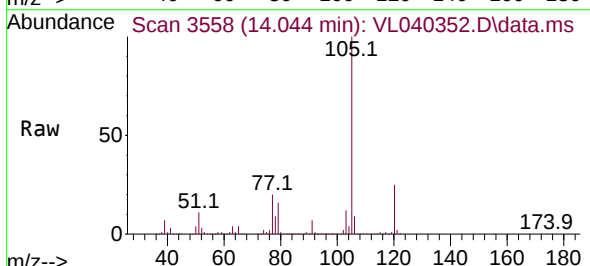
Acq: 13 Apr 2023 1:21

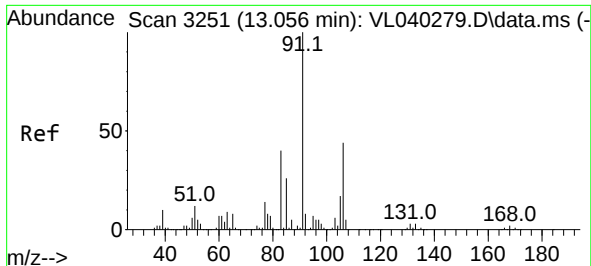
Tgt Ion:105 Resp: 3450763

Ion Ratio Lower Upper

105 100

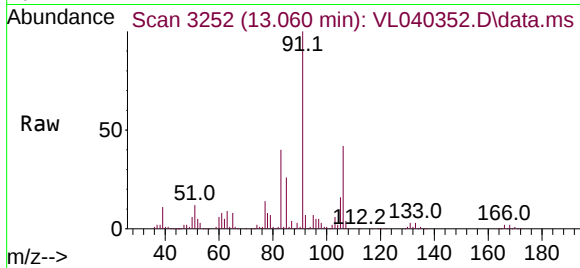
120 24.9 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 8.701 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

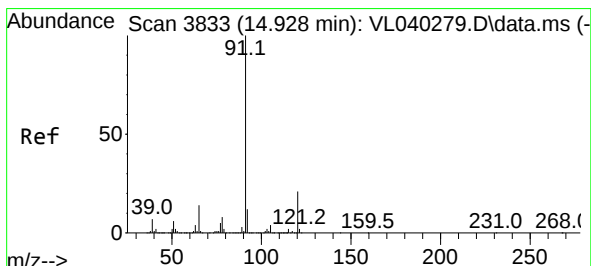
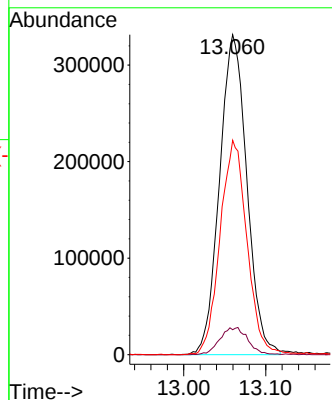
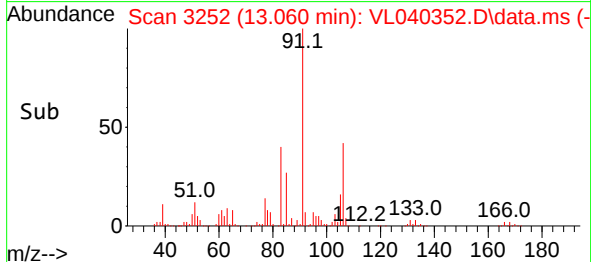
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



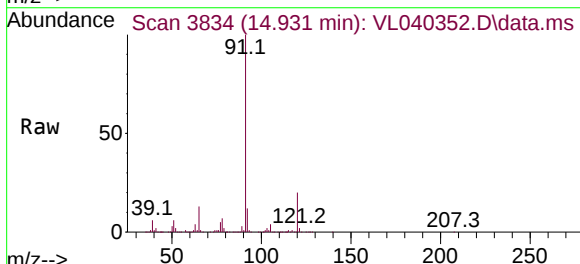
Tgt Ion: 83 Resp: 766230
Ion Ratio Lower Upper
83 100
131 8.8 4.3 12.9
85 66.3 32.7 98.1

Manual Integrations
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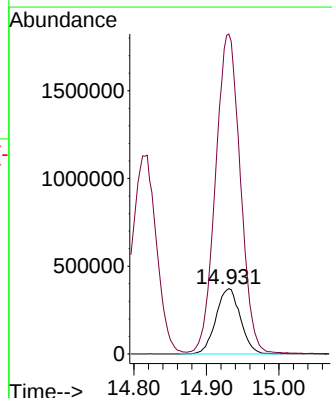
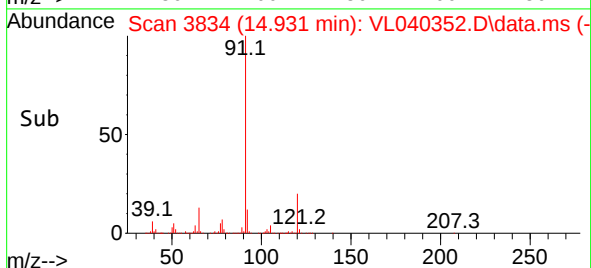
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

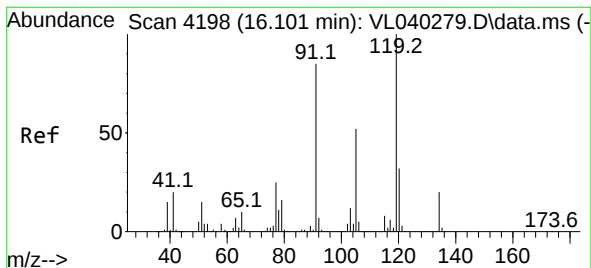


#64
n-propylbenzene
Concen: 9.979 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21



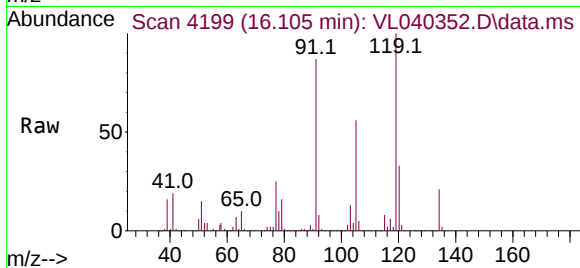
Tgt Ion:120 Resp: 870286
Ion Ratio Lower Upper
120 100
91 500.8 399.0 598.6





#65
tert-Butylbenzene
Concen: 9.845 ppbv
RT: 16.105 min Scan# 4198
Delta R.T. 0.004 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

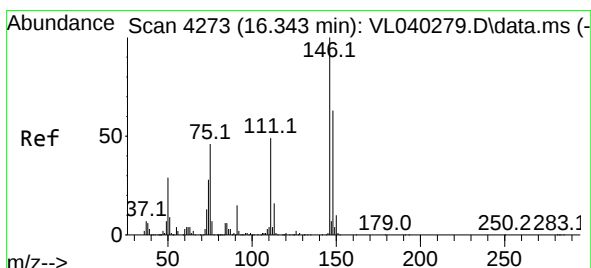
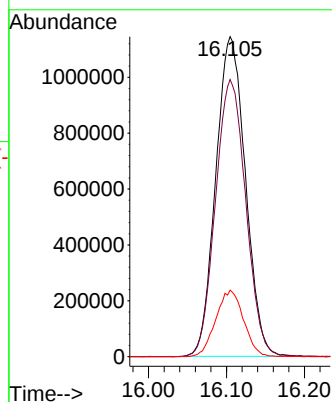
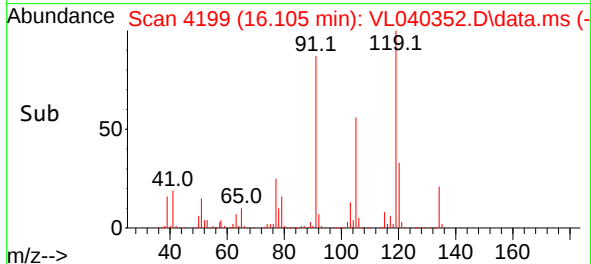
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



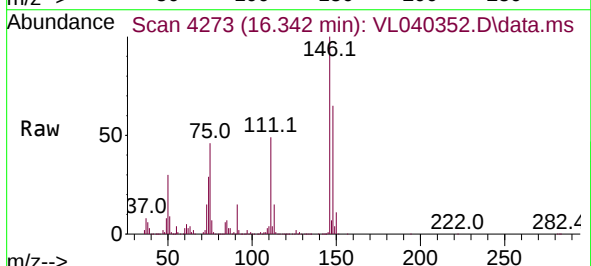
Tgt Ion: 119 Resp: 302358
Ion Ratio Lower Upper
119 100
91 88.7 69.4 104.2
134 19.6 15.8 23.6

Manual Integrations
APPROVED

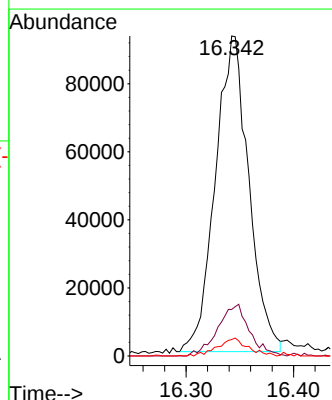
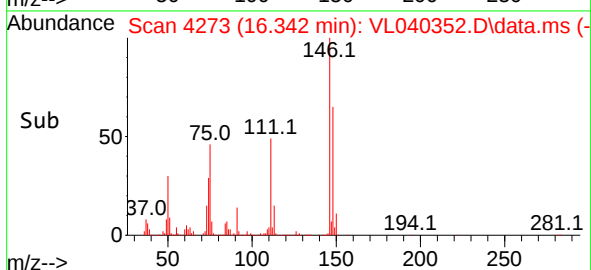
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

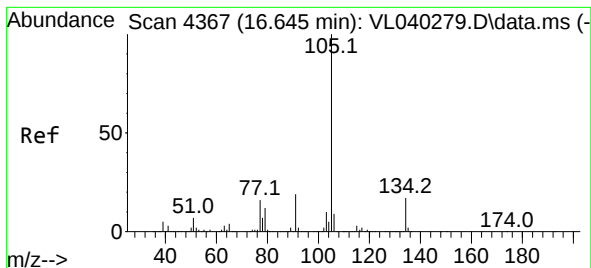


#66
Benzyl Chloride
Concen: 10.050 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. -0.001 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21



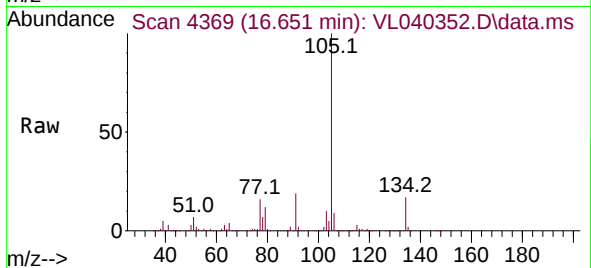
Tgt Ion: 91 Resp: 200592
Ion Ratio Lower Upper
91 100
126 15.7 12.1 18.1
128 5.4 3.8 5.6





#67
 sec-Butylbenzene
 Concen: 10.028 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040352.D
 Acq: 13 Apr 2023 1:21

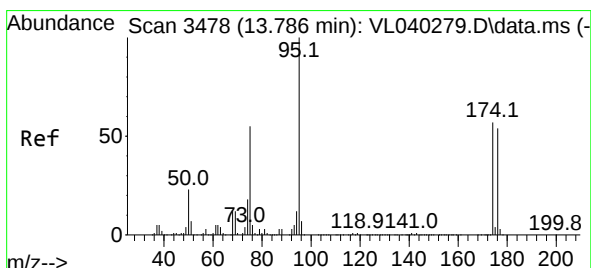
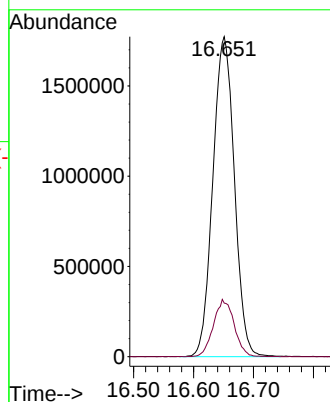
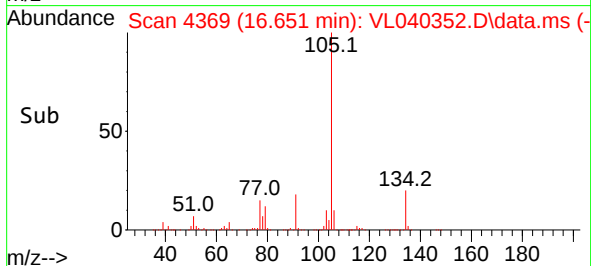
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



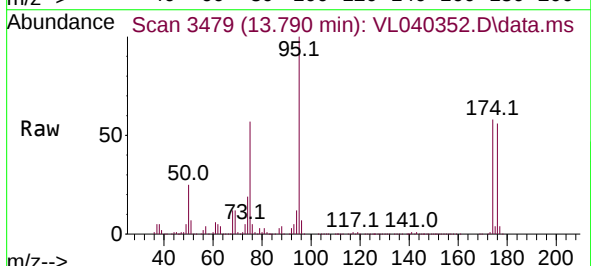
Tgt Ion: 105 Resp: 440477
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.0 21.0

Manual Integrations
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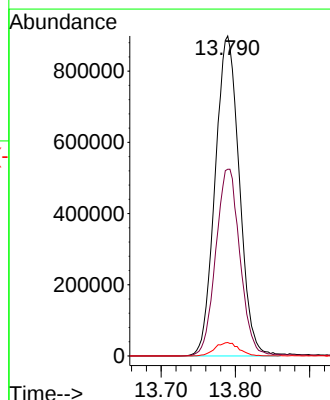
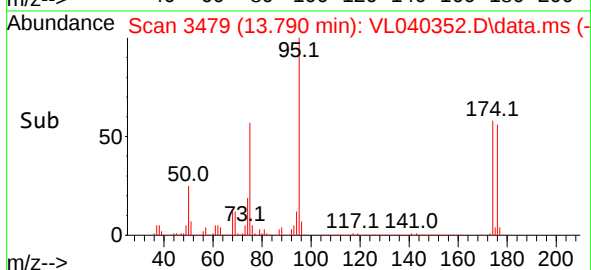
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

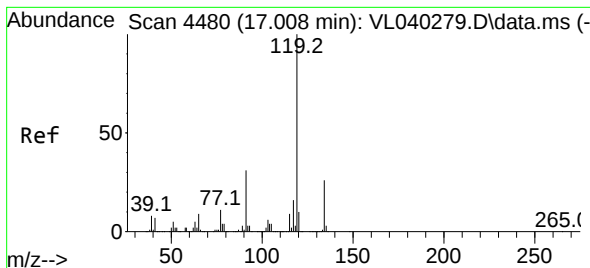


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.683 ppbv
 RT: 13.790 min Scan# 3479
 Delta R.T. 0.004 min
 Lab File: VL040352.D
 Acq: 13 Apr 2023 1:21



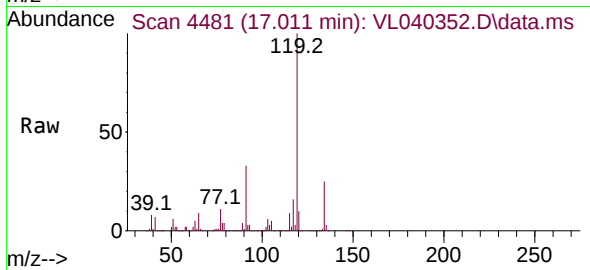
Tgt Ion: 95 Resp: 2035078
 Ion Ratio Lower Upper
 95 100
 174 59.0 47.0 70.6
 175 4.2 3.4 5.2





#69
p-Isopropyltoluene
Concen: 10.494 ppbv
RT: 17.011 min Scan# 4481
Delta R.T. 0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

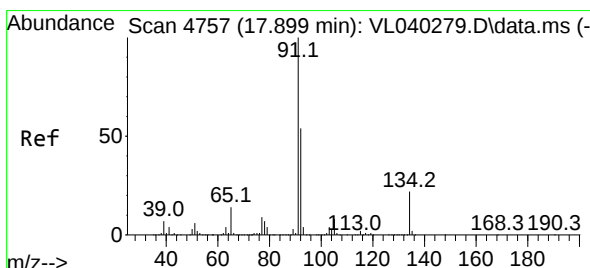
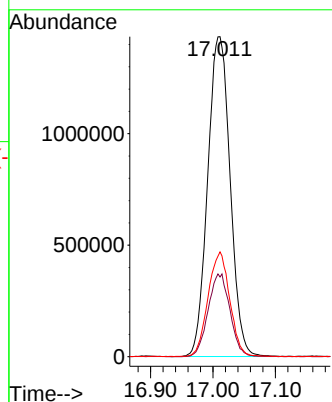
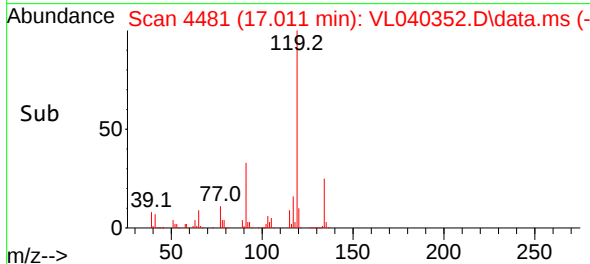
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



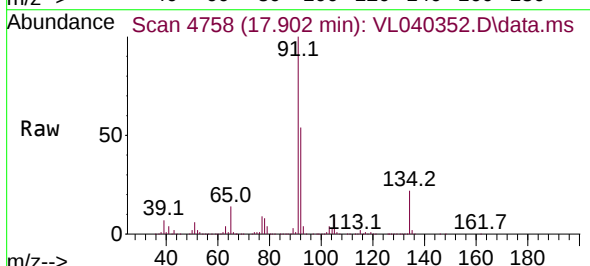
Tgt Ion:119 Resp: 358965
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.2
91 31.6 25.1 37.7

Manual Integrations
APPROVED

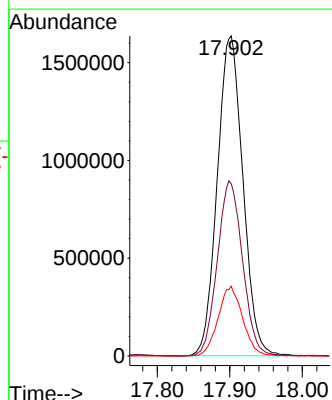
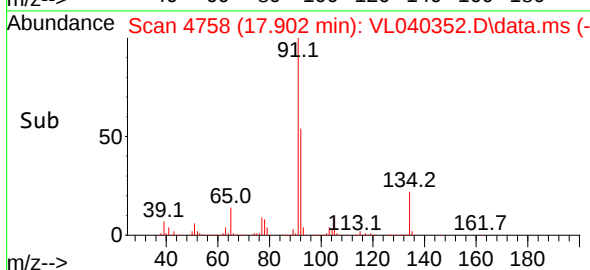
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

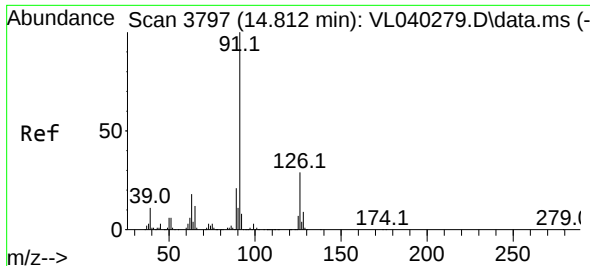


#70
n-Butylbenzene
Concen: 10.667 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21



Tgt Ion: 91 Resp: 4019945
Ion Ratio Lower Upper
91 100
92 53.8 42.9 64.3
134 20.9 16.8 25.2





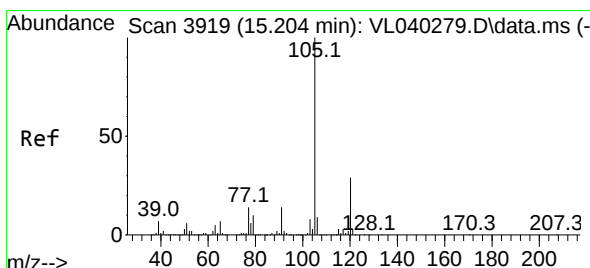
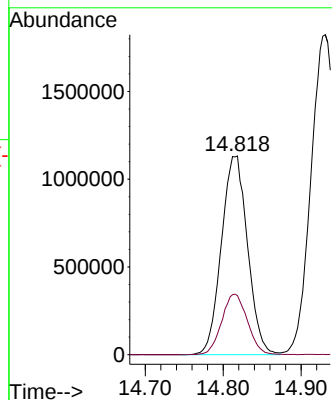
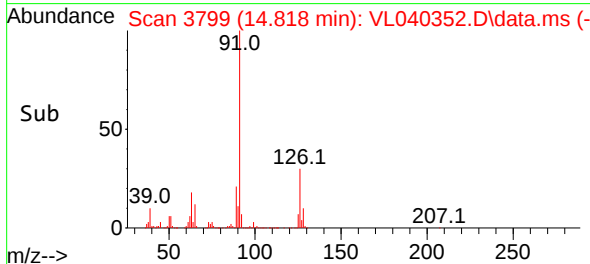
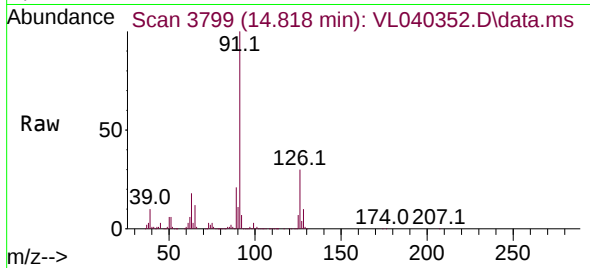
#71
2-Chlorotoluene
Concen: 9.736 ppbv
RT: 14.818 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 264106
Ion Ratio Lower Upper
91 100
126 30.0 11.8 47.4

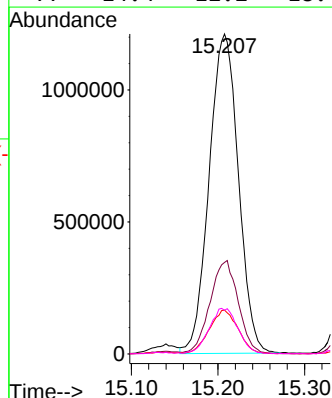
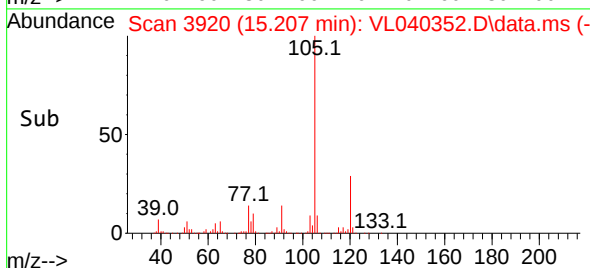
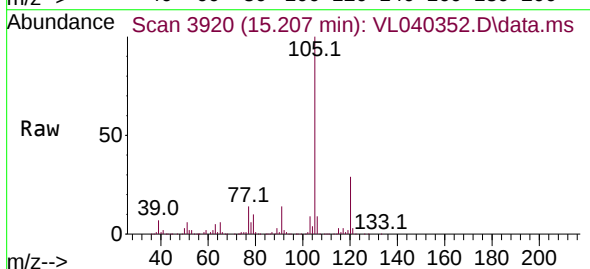
Manual Integrations
APPROVED

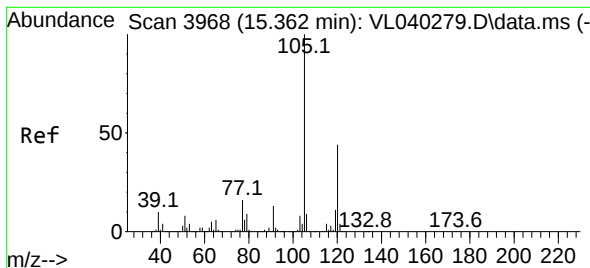
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#72
4-Ethyltoluene
Concen: 10.371 ppbv
RT: 15.207 min Scan# 3920
Delta R.T. 0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

Tgt Ion:105 Resp: 2837795
Ion Ratio Lower Upper
105 100
120 29.1 23.7 35.5
91 14.2 11.6 17.4
77 14.4 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 10.184 ppbv

RT: 15.365 min Scan# 3968

Delta R.T. 0.003 min

Lab File: VL040352.D

Acq: 13 Apr 2023 1:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 252400

Ion Ratio Lower Upper

105 100

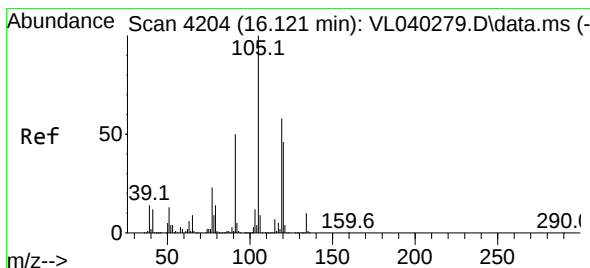
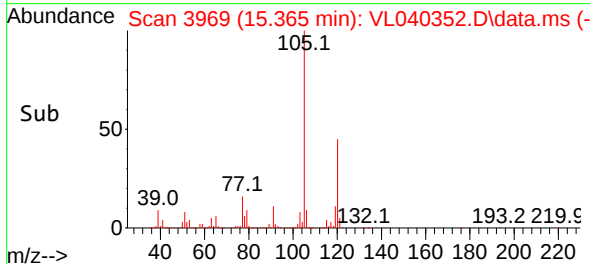
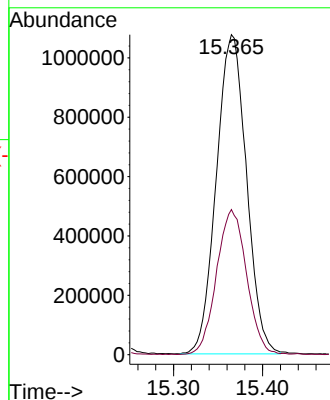
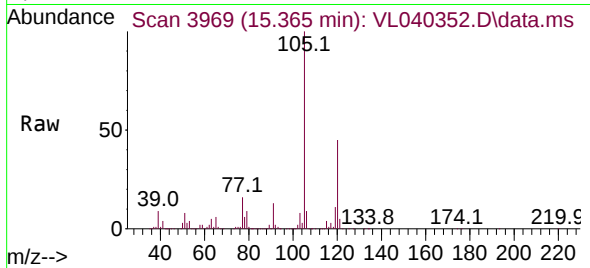
120 45.4 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#74

1,2,4-Trimethylbenzene

Concen: 10.010 ppbv

RT: 16.121 min Scan# 4204

Delta R.T. -0.000 min

Lab File: VL040352.D

Acq: 13 Apr 2023 1:21

Tgt Ion:105 Resp: 2829351

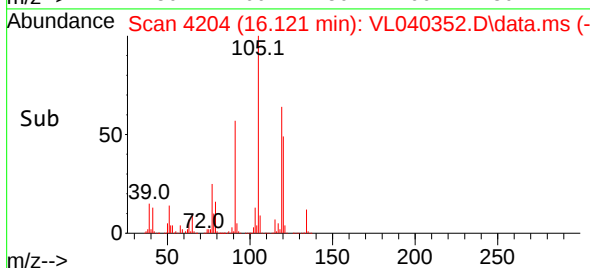
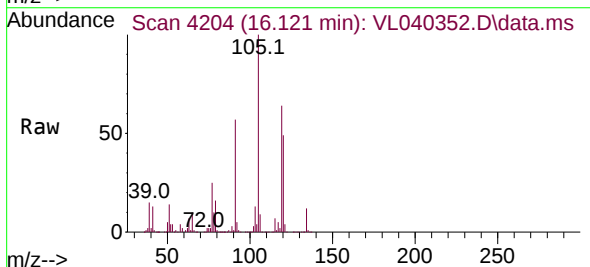
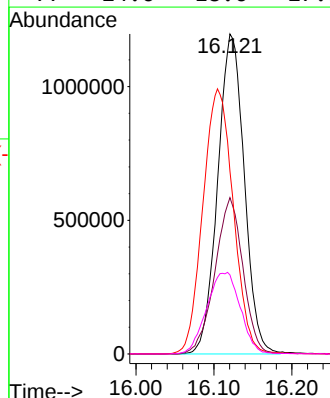
Ion Ratio Lower Upper

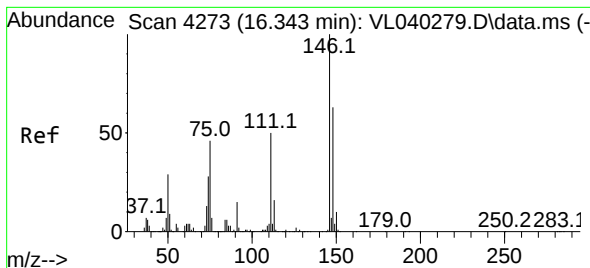
105 100

120 48.7 36.6 54.8

91 56.7 39.9 59.9

77 24.6 18.6 27.8





#75

1,3-Dichlorobenzene

Concen: 10.178 ppbv

RT: 16.346 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040352.D

Acq: 13 Apr 2023 1:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 1558084

Ion Ratio Lower Upper

146 100

111 48.9 24.3 73.0

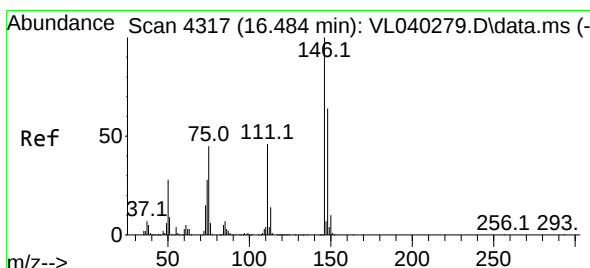
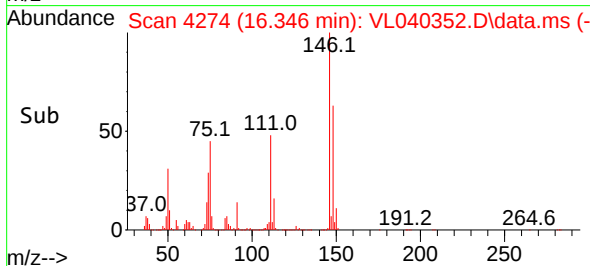
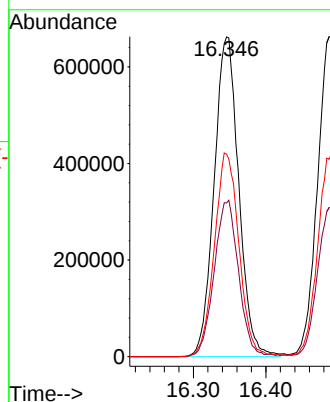
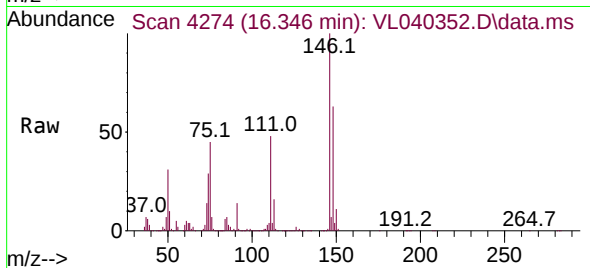
148 63.8 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#76

1,4-Dichlorobenzene

Concen: 10.556 ppbv

RT: 16.490 min Scan# 4319

Delta R.T. 0.006 min

Lab File: VL040352.D

Acq: 13 Apr 2023 1:21

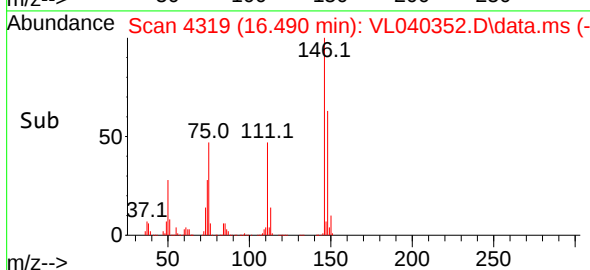
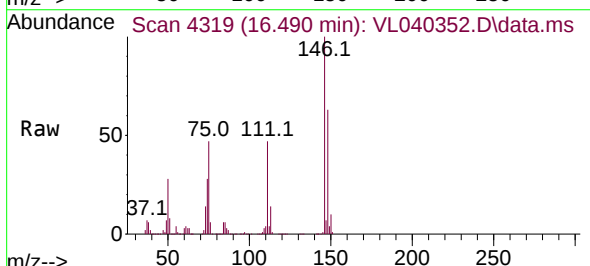
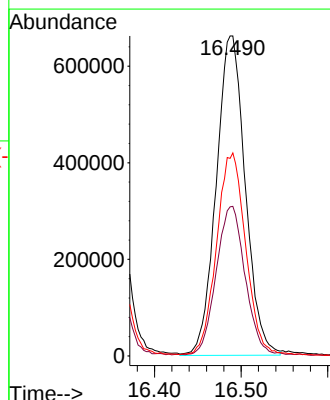
Tgt Ion:146 Resp: 1541349

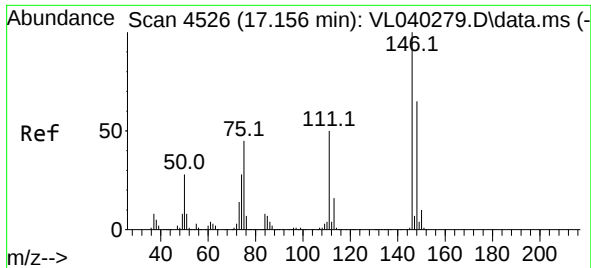
Ion Ratio Lower Upper

146 100

111 47.6 23.8 71.2

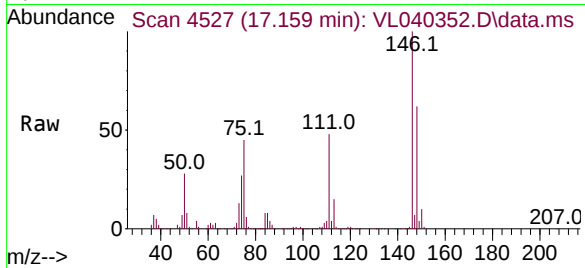
148 64.2 32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 10.490 ppbv
RT: 17.159 min Scan# 4526
Delta R.T. 0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

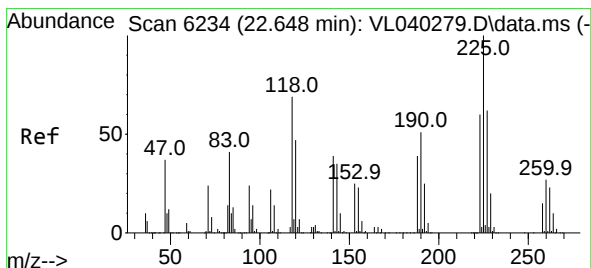
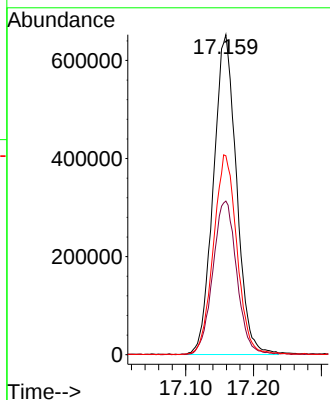
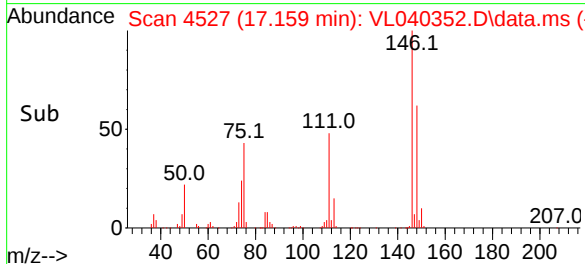
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



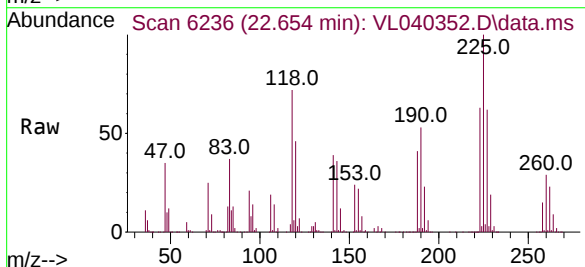
Tgt Ion:146 Resp: 1543529
Ion Ratio Lower Upper
146 100
111 49.9 25.2 75.6
148 63.5 32.1 96.3

Manual Integrations
APPROVED

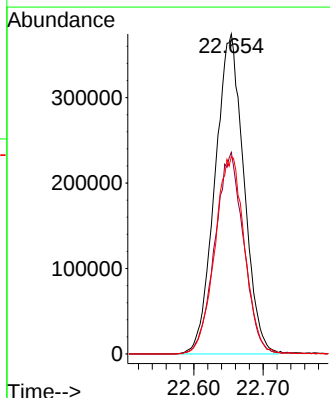
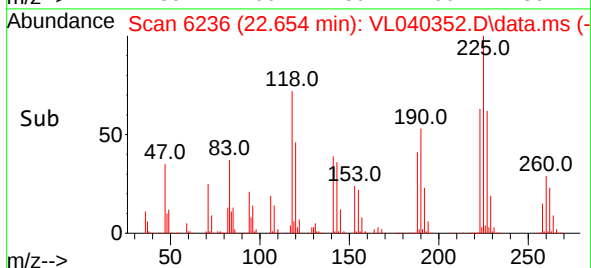
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

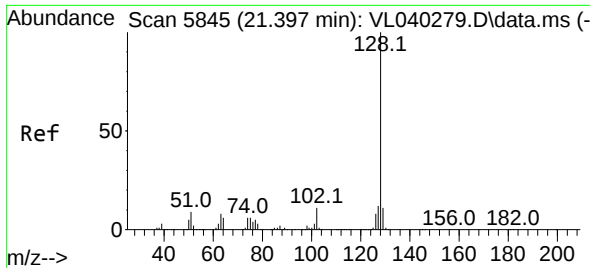


#78
Hexachloro-1,3-Butadiene
Concen: 10.031 ppbv
RT: 22.654 min Scan# 6236
Delta R.T. 0.006 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21



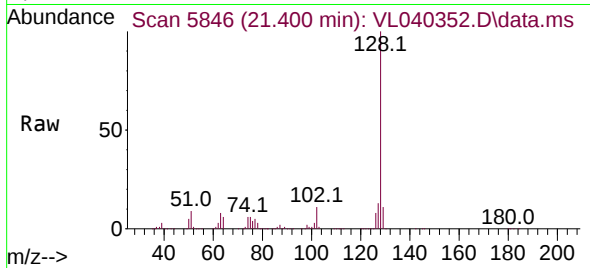
Tgt Ion:225 Resp: 1082537
Ion Ratio Lower Upper
225 100
223 63.0 51.0 76.6
227 63.7 51.4 77.2





#79
Naphthalene
Concen: 13.146 ppbv
RT: 21.400 min Scan# 5846
Delta R.T. 0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

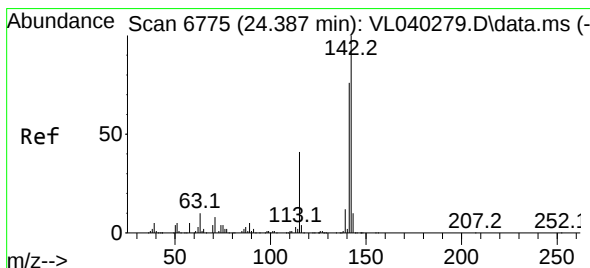
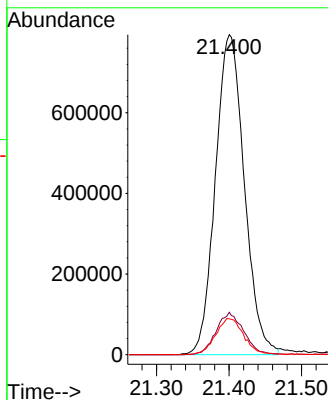
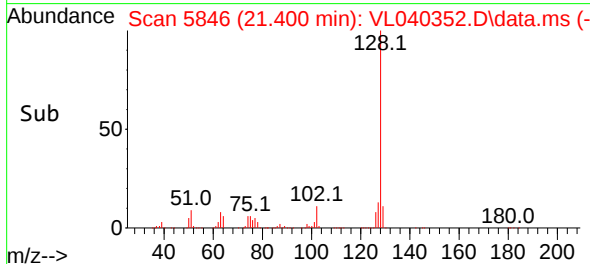
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 219819
Ion Ratio Lower Upper
128 100
127 13.3 9.6 14.4
129 11.2 8.6 13.0

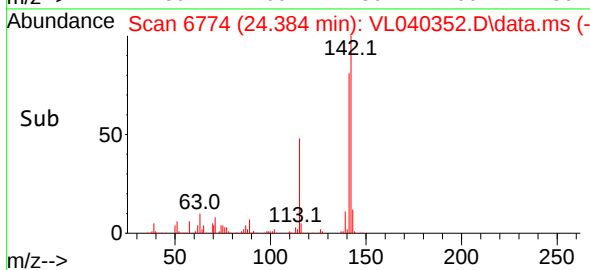
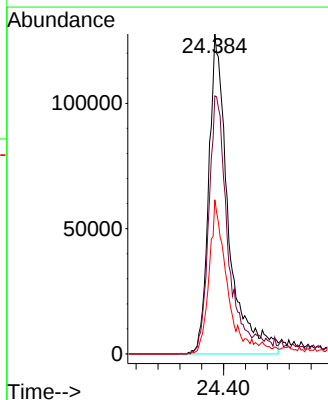
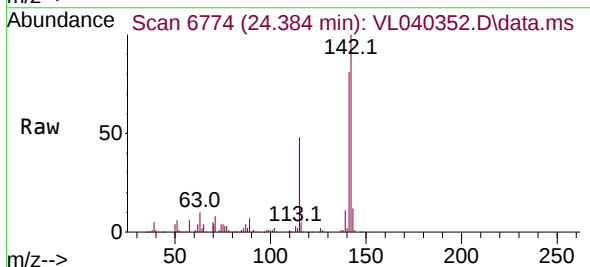
Manual Integrations
APPROVED

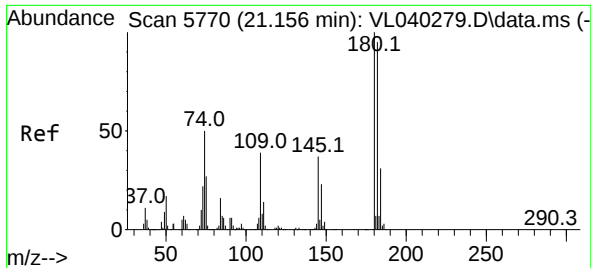
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#80
Naphthalene,2-methyl-
Concen: 7.559 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. -0.003 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

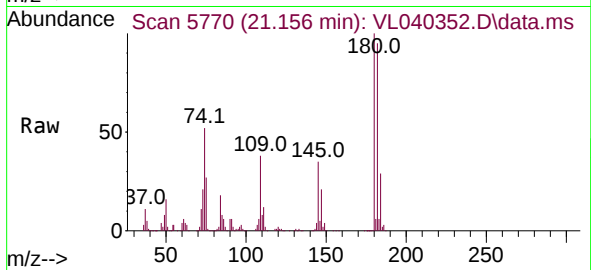
Tgt Ion:142 Resp: 320115
Ion Ratio Lower Upper
142 100
141 81.9 65.5 98.3
115 45.4 33.5 50.3





#81
1,2,4-Trichlorobenzene
Concen: 11.457 ppbv
RT: 21.156 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL040352.D
Acq: 13 Apr 2023 1:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 1179985
Ion Ratio Lower Upper
180 100
182 95.5 76.1 114.1
184 30.1 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

