

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041223\
 Data File : VL040340.D
 Acq On : 12 Apr 2023 15:17
 Operator : SY/MD
 Sample : VL0412ABS02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABS02

Manual Integrations
 APPROVED

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

Quant Time: Apr 13 05:38:20 2023

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

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	1061518	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2703406	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2628821	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.793 95 2045551 9.292 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 92.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	1618725	7.772	ppbv	98
3) Chlorodifluoromethane	2.665	51	1237492	9.271	ppbv	99
4) Chloromethane	2.803	50	788254	9.563	ppbv	100
5) Vinyl Chloride	2.912	62	690454	10.345	ppbv	98
6) Bromomethane	3.108	94	220046	9.508	ppbv	98
7) Chloroethane	3.189	64	253794	9.905	ppbv	97
8) Dichlorotetrafluoroethane	2.848	85	1668732	9.360	ppbv	100
9) Propene	2.684	41	522668	10.221	ppbv	95
10) Heptane	7.587	43	1270082	10.326	ppbv	99
11) Trichlorofluoromethane	3.555	101	1716857	9.098	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.063	101	1209660	8.536	ppbv	97
13) Ethanol	3.230	45	38994m	10.397	ppbv	
14) Bromoethene	3.359	108	535164	10.123	ppbv	99
15) Acetone	3.459	43	1165554	9.019	ppbv	99
16) 1,3-Butadiene	2.976	39	593380	10.101	ppbv	98
17) tert-Butyl alcohol	3.870	59	1316349	10.718	ppbv	99
18) 1,1-Dichloroethene	3.877	96	564861	9.291	ppbv	98
19) Isopropyl Alcohol	3.568	45	657643	10.623	ppbv #	97
20) Methylene Chloride	3.928	84	501429	9.223	ppbv	94
21) Allyl Chloride	3.992	41	811059	9.689	ppbv	98
22) trans-1,2-Dichloroethene	4.443	96	550096	8.890	ppbv	93
23) Vinyl Acetate	4.626	43	370717m	10.311	ppbv	
24) 1,1-Dichloroethane	4.562	63	1127338	8.791	ppbv	98
25) Ethyl Acetate	5.205	43	2426403	10.029	ppbv	99
26) Hexane	5.214	57	1053026	10.603	ppbv	95
27) Carbon Disulfide	4.121	76	1386766	9.997	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	1048154	9.192	ppbv	100
29) Chloroform	5.275	83	1734687	9.892	ppbv	99
30) Cyclohexane	6.607	84	869371	11.109	ppbv	97
31) cis-1,2-Dichloroethene	5.079	61	1062119	10.982	ppbv	97
32) 1,1,1-Trichloroethane	6.005	97	1758269	10.465	ppbv	97
34) 2-Butanone	4.783	43	1360363	10.196	ppbv	97
35) Carbon Tetrachloride	6.500	117	1773818	10.456	ppbv	99
36) Benzene	6.375	78	2159349	10.481	ppbv	100
37) 1,2-Dichloroethane	5.809	62	1349432	10.063	ppbv	99
38) Trichloroethene	7.298	130	1287831	11.439	ppbv	98
39) 1,2-Dichloropropane	7.079	63	825461	10.212	ppbv	97
40) 1,4-Dioxane	7.295	88	306836	9.595	ppbv	77
41) Tetrahydrofuran	5.555	42	813877	10.569	ppbv	99
42) Bromodichloromethane	7.259	83	1903136	10.386	ppbv	98
43) Methyl Methacrylate	7.484	69	858015	11.207	ppbv	97
44) 2,2,4-Trimethylpentane	7.336	57	3524253	10.260	ppbv	99
45) t-1,3-Dichloropropene	8.722	75	839073	12.572	ppbv	99

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Manual Integrations
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 Supervised By : Mahesh Dadoda 04/13/2023

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

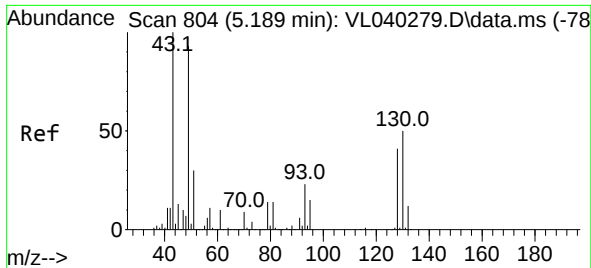
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

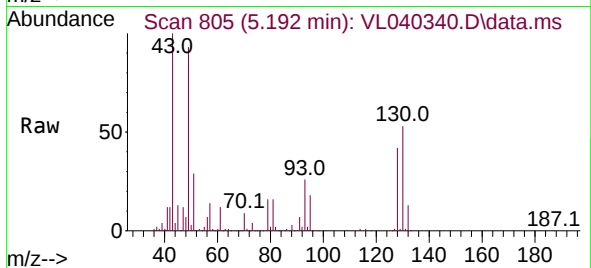
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	1129583	11.918	ppbv	97
47) 1,1,2-Trichloroethane	8.912	97	892239	10.346	ppbv	97
48) Dibromochloromethane	9.722	129	1516834	10.688	ppbv	100
49) Bromoform	12.423	173	1169360	10.970	ppbv	99
50) 4-Methyl-2-Pentanone	8.188	43	2189018	10.602	ppbv	99
51) 2-Hexanone	9.561	43	1720908	10.759	ppbv #	97
52) Tetrachloroethene	10.626	164	711491	11.415	ppbv	97
53) Toluene	9.233	91	2437201	11.288	ppbv	98
54) 1,2-Dibromoethane	10.021	107	973467	10.966	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.523	131	1081082	9.776	ppbv	95
57) Chlorobenzene	11.542	112	1834511	9.810	ppbv	98
58) Ethyl Benzene	12.101	91	3266570	10.913	ppbv	97
59) m/p-Xylene	12.391	91	5633883m	20.546	ppbv	
60) o-Xylene	13.072	91	2678763	10.219	ppbv	99
61) Styrene	12.915	104	1555687	11.695	ppbv	99
62) Isopropylbenzene	14.047	105	3760729	10.074	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.063	83	821011	8.901	ppbv	99
64) n-propylbenzene	14.934	120	973802	10.660	ppbv	94
65) tert-Butylbenzene	16.108	119	3317188	10.312	ppbv	100
66) Benzyl Chloride	16.342	91	210774	10.082	ppbv	97
67) sec-Butylbenzene	16.654	105	4781925	10.394	ppbv	99
69) p-Isopropyltoluene	17.014	119	3872897	10.810	ppbv	100
70) n-Butylbenzene	17.905	91	4353848	11.030	ppbv	99
71) 2-Chlorotoluene	14.818	91	2927150	10.303	ppbv	99
72) 4-Ethyltoluene	15.211	105	3074774	10.728	ppbv	99
73) 1,3,5-Trimethylbenzene	15.368	105	2776276	10.694	ppbv	98
74) 1,2,4-Trimethylbenzene	16.127	105	3046808	10.292	ppbv	98
75) 1,3-Dichlorobenzene	16.349	146	1677330	10.461	ppbv	100
76) 1,4-Dichlorobenzene	16.490	146	1643512	10.747	ppbv	100
77) 1,2-Dichlorobenzene	17.162	146	1643216	10.662	ppbv	99
78) Hexachloro-1,3-Butadiene	22.661	225	1355216	11.990	ppbv	100
79) Naphthalene	21.403	128	3006575	17.167	ppbv	98
80) Naphthalene,2-methyl-	24.387	142	890162	20.069	ppbv	98
81) 1,2,4-Trichlorobenzene	21.162	180	1529929	14.183	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 804
Delta R.T. 0.003 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

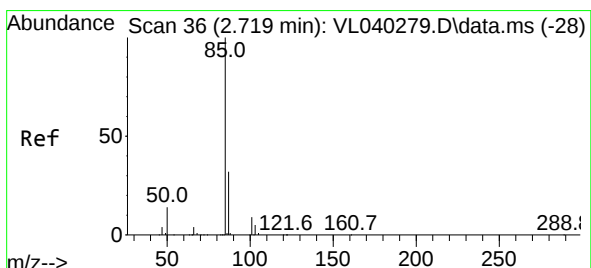
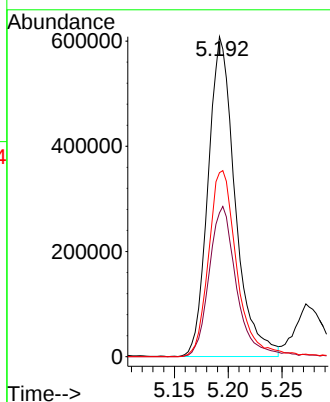
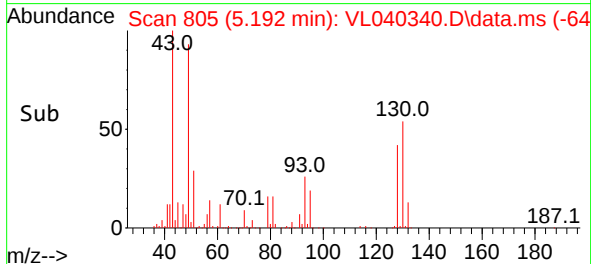
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02



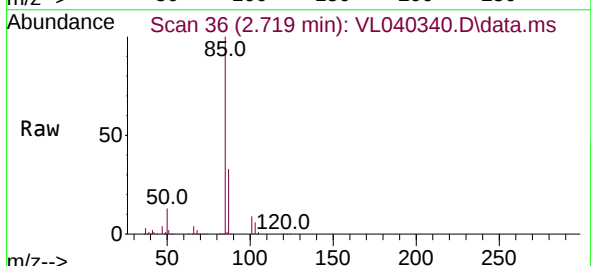
Tgt Ion: 49 Resp: 1061518
Ion Ratio Lower Upper
49 100
128 48.3 22.4 67.3
130 61.9 28.7 86.1

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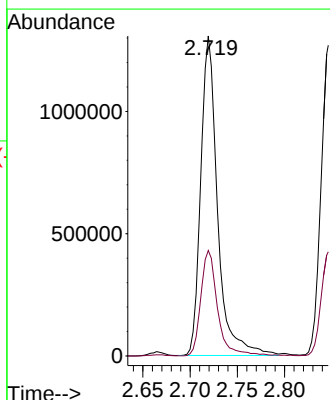
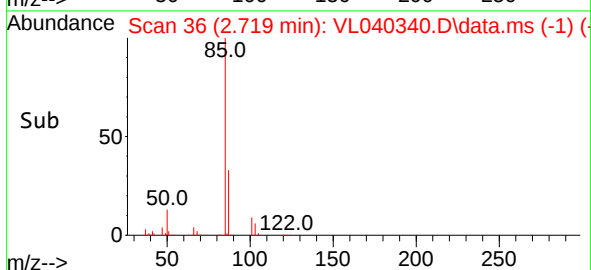
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#2
Dichlorodifluoromethane
Concen: 7.772 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.000 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17



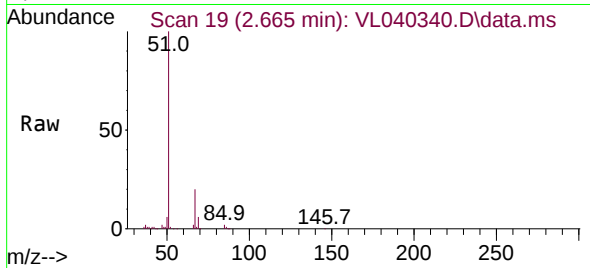
Tgt Ion: 85 Resp: 1618725
Ion Ratio Lower Upper
85 100
87 32.9 25.5 38.3





#3
Chlorodifluoromethane
Concen: 9.271 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.000 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

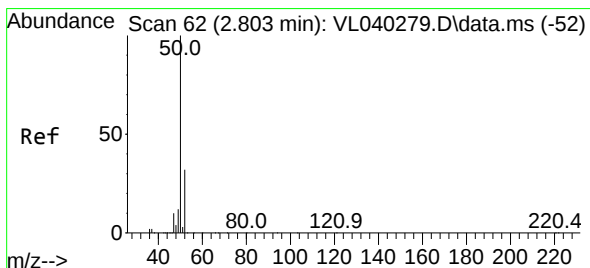
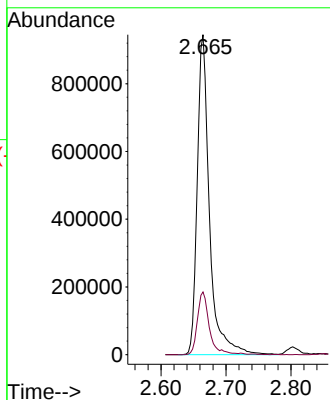
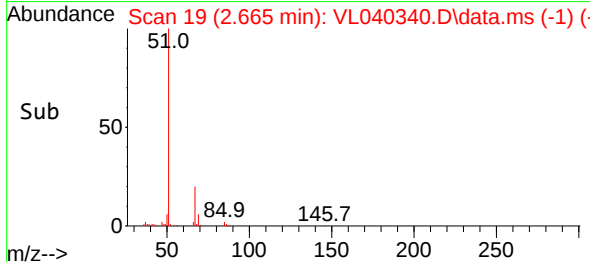
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MSVOA_L
ClientSampleId :
VL0412ABS02



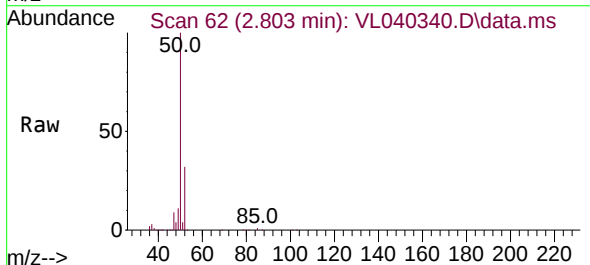
Tgt Ion: 51 Resp: 123749
Ion Ratio Lower Upper
51 100
67 19.4 16.0 24.0

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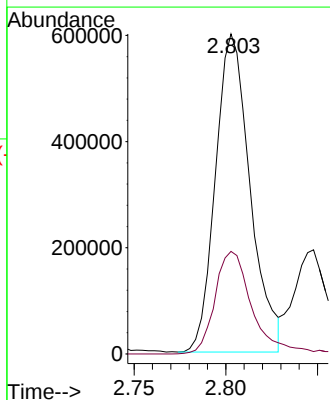
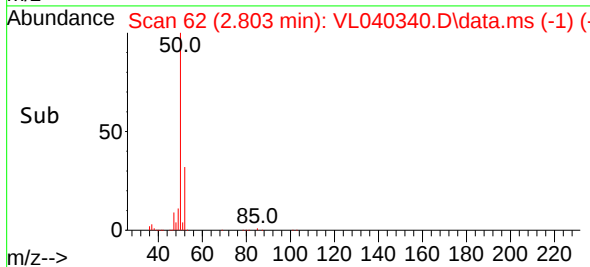
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

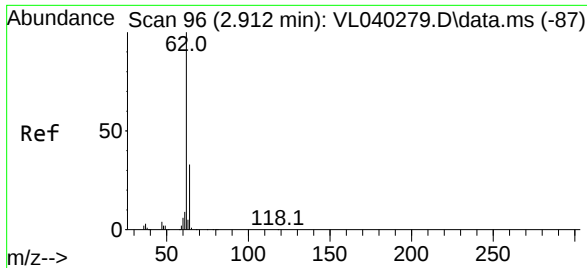


#4
Chloromethane
Concen: 9.563 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.000 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17



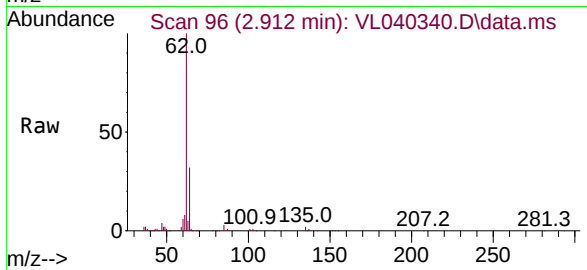
Tgt Ion: 50 Resp: 788254
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9





#5
 Vinyl Chloride
 Concen: 10.345 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VL040340.D
 Acq: 12 Apr 2023 15:17

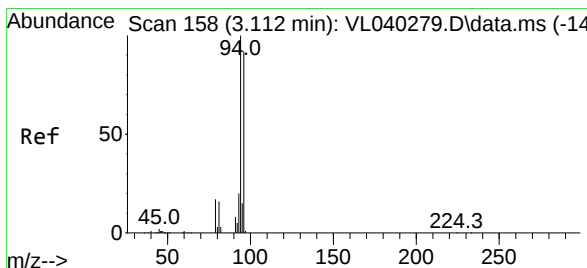
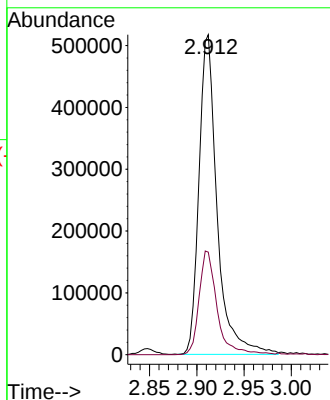
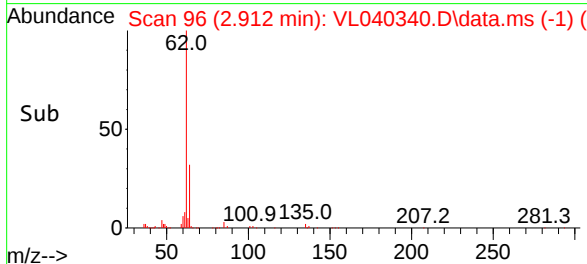
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABS02



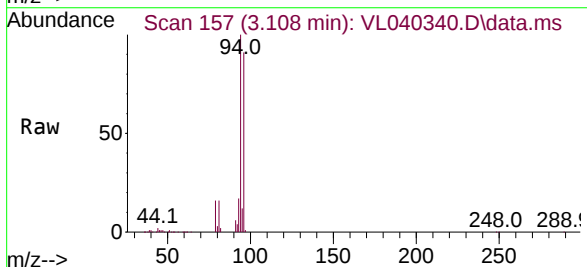
Tgt Ion: 62 Resp: 690454
 Ion Ratio Lower Upper
 62 100
 64 32.0 26.4 39.6

Manual Integrations
 APPROVED

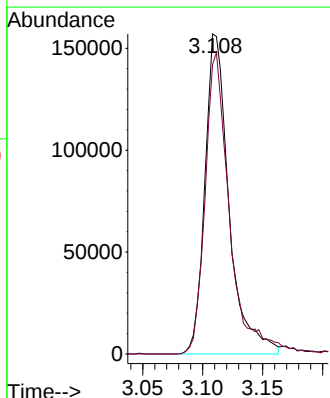
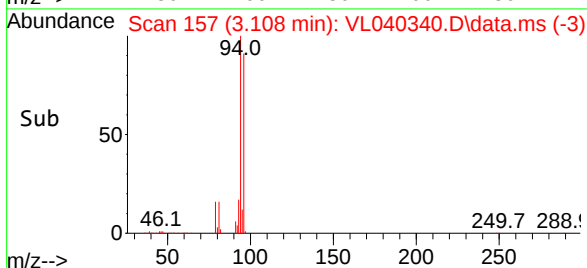
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

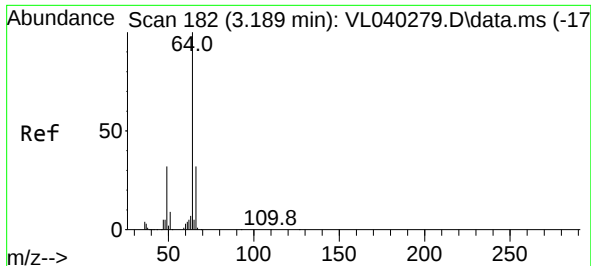


#6
 Bromomethane
 Concen: 9.508 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.004 min
 Lab File: VL040340.D
 Acq: 12 Apr 2023 15:17



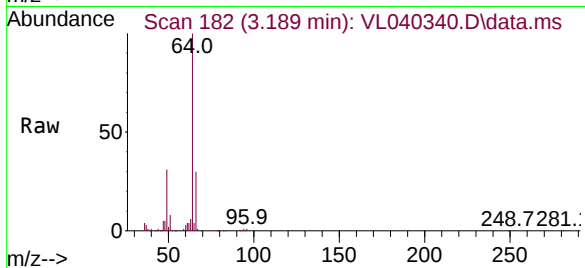
Tgt Ion: 94 Resp: 220046
 Ion Ratio Lower Upper
 94 100
 96 90.5 73.7 110.5





#7
Chloroethane
Concen: 9.905 ppbv
RT: 3.189 min Scan# 182
Delta R.T. -0.000 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

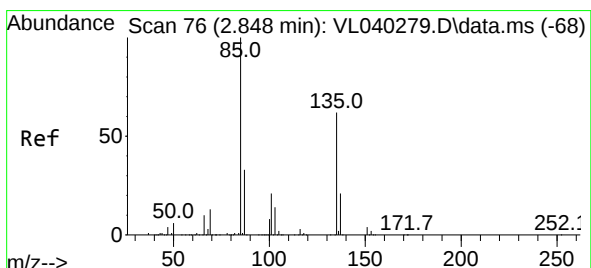
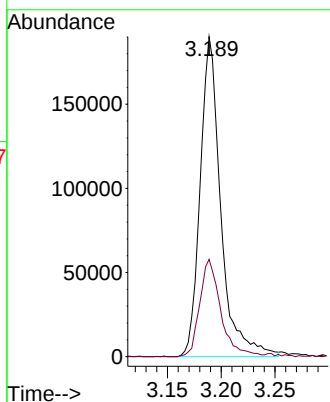
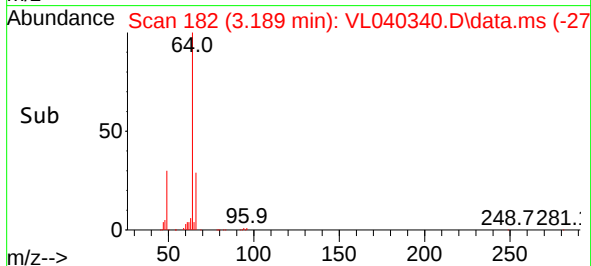
Instrument : MSVOA_L
ClientSampleId : VL0412ABS02



Tgt Ion: 64 Resp: 253794
Ion Ratio Lower Upper
64 100
66 30.4 25.5 38.3

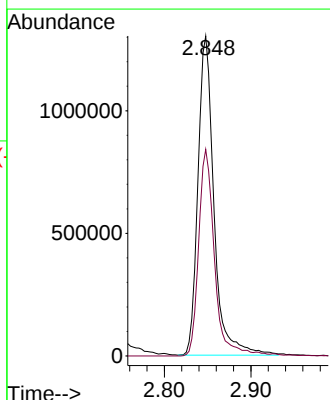
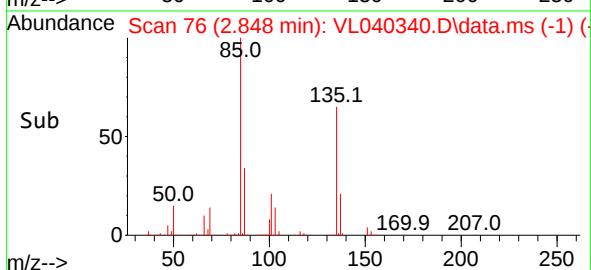
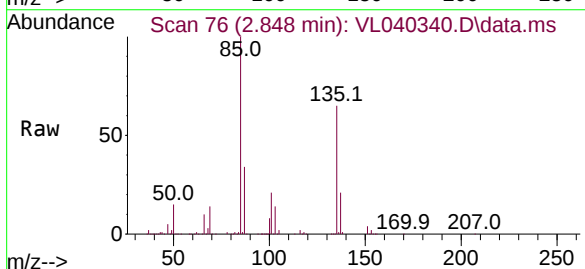
Manual Integrations
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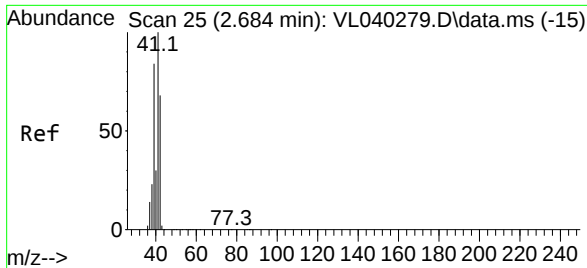
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#8
Dichlorotetrafluoroethane
Concen: 9.360 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.000 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

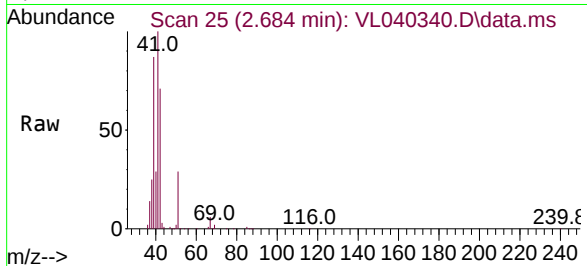
Tgt Ion: 85 Resp: 1668732
Ion Ratio Lower Upper
85 100
135 64.8 52.0 78.0





#9
 Propene
 Concen: 10.221 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VL040340.D
 Acq: 12 Apr 2023 15:17

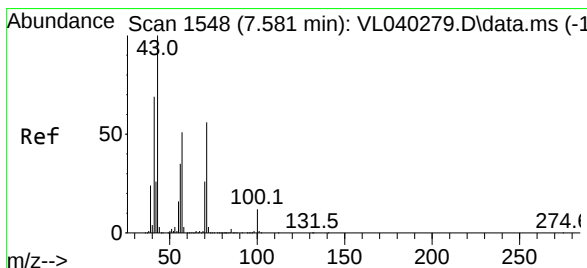
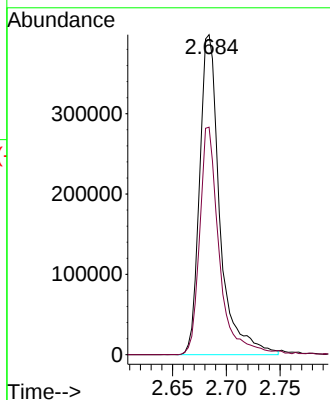
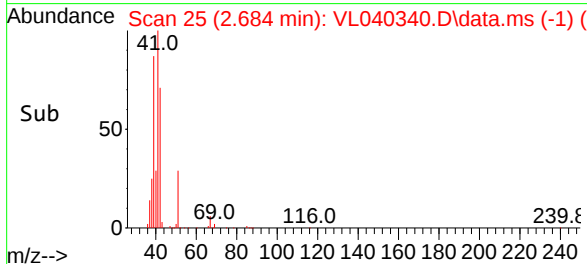
Instrument :
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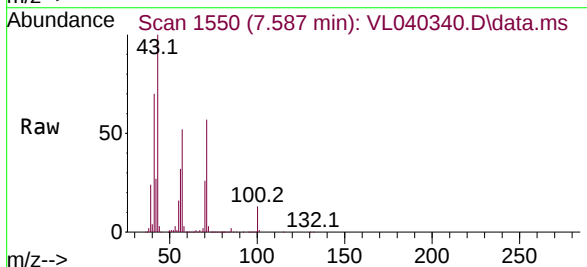
Tgt Ion: 41 Resp: 522668
 Ion Ratio Lower Upper
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 42 69.7 59.0 88.4

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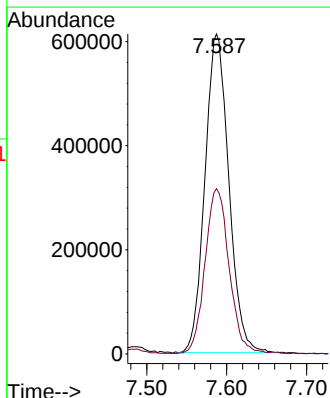
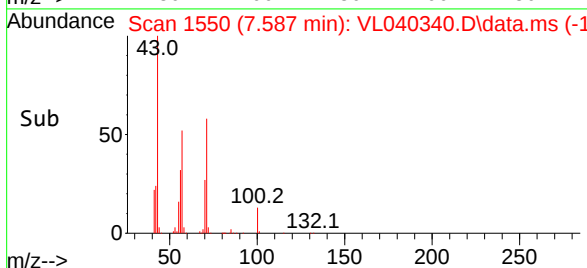
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#10
 Heptane
 Concen: 10.326 ppbv
 RT: 7.587 min Scan# 1550
 Delta R.T. 0.006 min
 Lab File: VL040340.D
 Acq: 12 Apr 2023 15:17



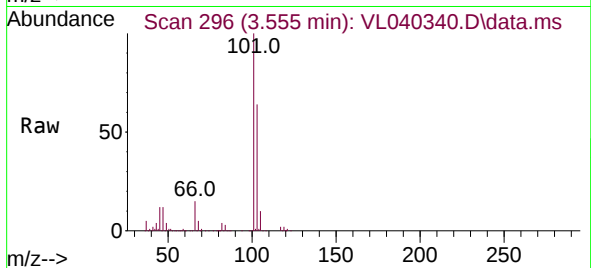
Tgt Ion: 43 Resp: 1270082
 Ion Ratio Lower Upper
 43 100
 57 52.9 41.7 62.5





#11
Trichlorofluoromethane
Concen: 9.098 ppbv
RT: 3.555 min Scan# 296
Delta R.T. 0.000 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

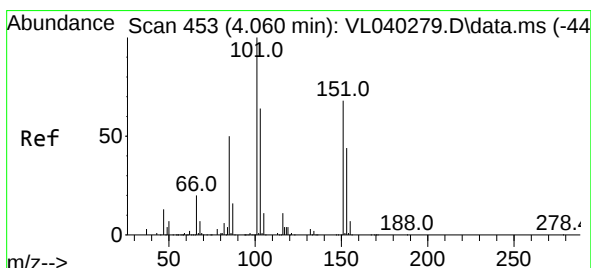
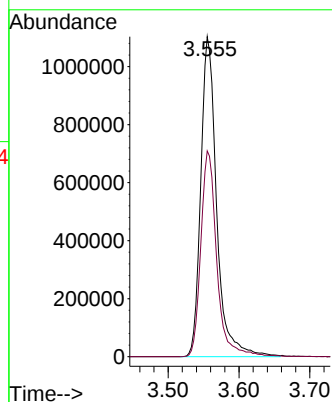
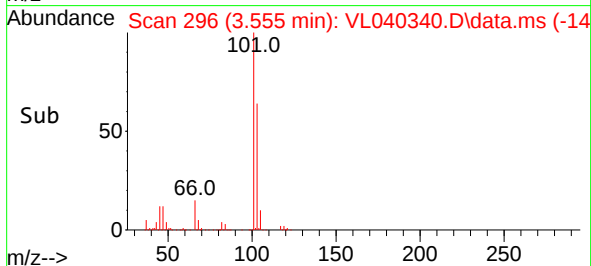
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02



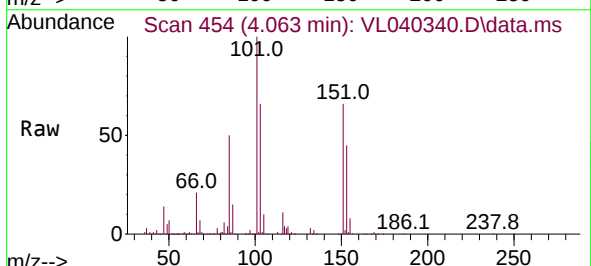
Tgt Ion:101 Resp: 171685
Ion Ratio Lower Upper
101 100
103 64.3 53.1 79.7

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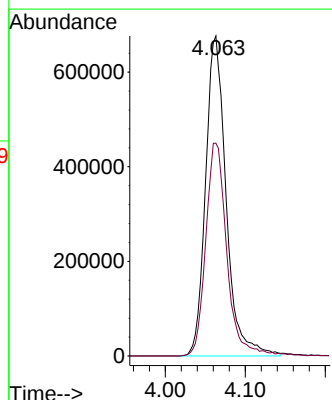
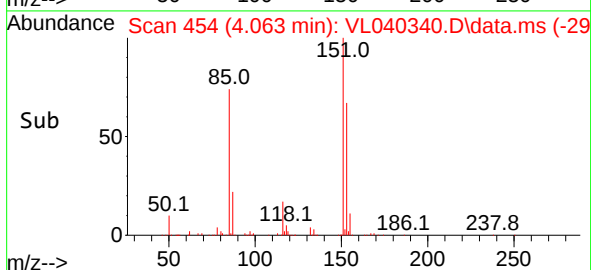
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

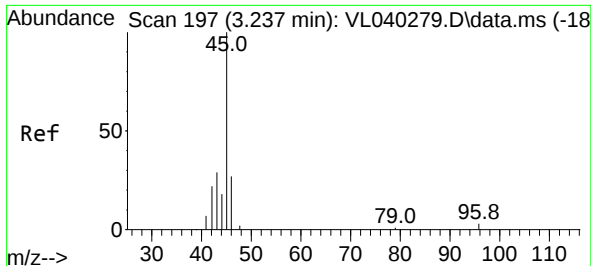


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.536 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17



Tgt Ion:101 Resp: 1209660
Ion Ratio Lower Upper
101 100
151 68.7 53.2 79.8





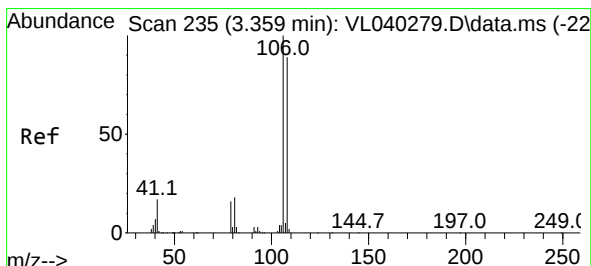
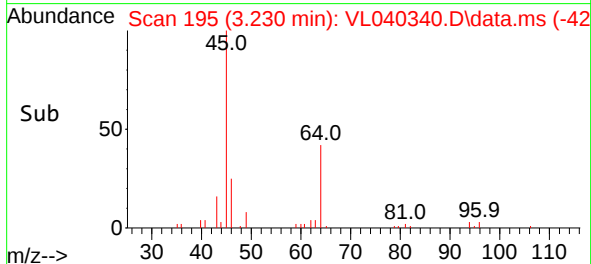
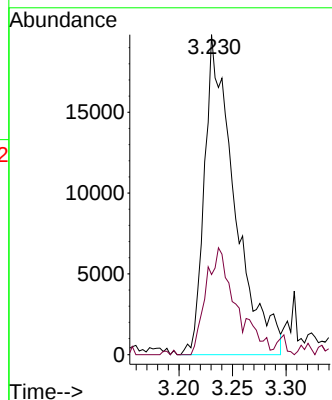
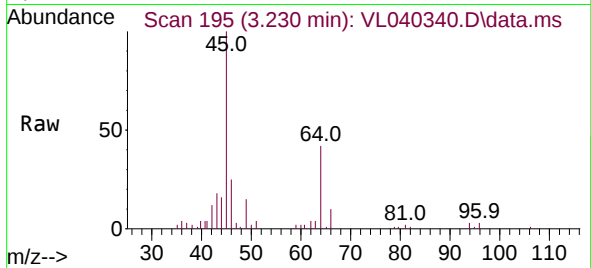
#13
Ethanol
Concen: 10.397 ppbv m
RT: 3.230 min Scan# 197
Delta R.T. -0.007 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02

Tgt Ion: 45 Resp: 38994
Ion Ratio Lower Upper
45 100
46 36.2 15.0 60.2

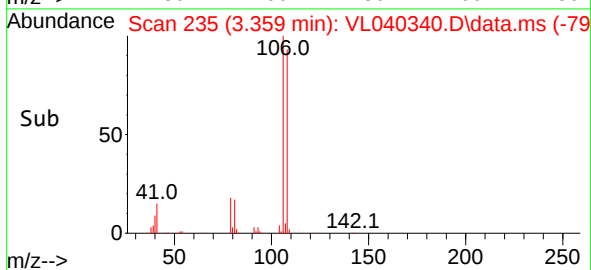
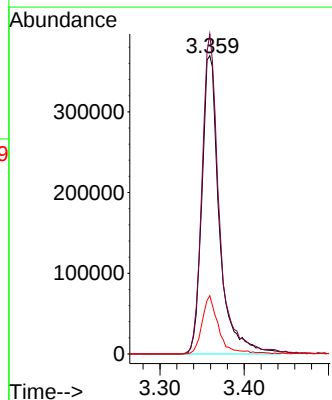
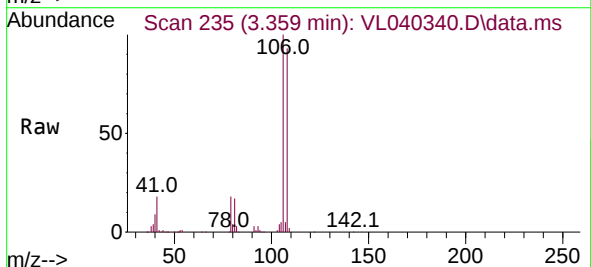
Manual Integrations
APPROVED

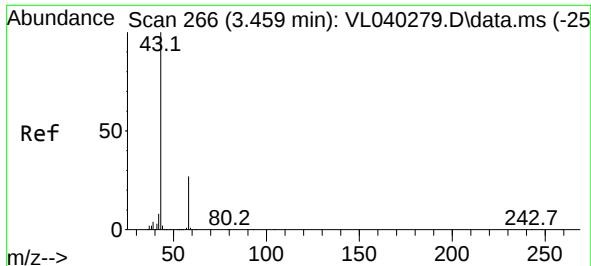
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#14
Bromoethene
Concen: 10.123 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.000 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

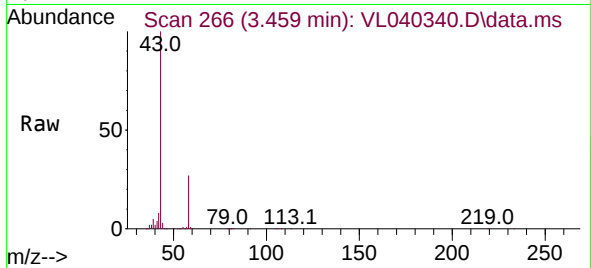
Tgt Ion:108 Resp: 535164
Ion Ratio Lower Upper
108 100
106 106.8 85.8 128.8
79 18.8 15.8 23.6





#15
Acetone
Concen: 9.019 ppbv
RT: 3.459 min Scan# 266
Delta R.T. -0.000 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

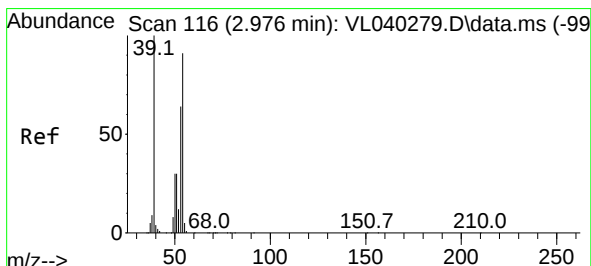
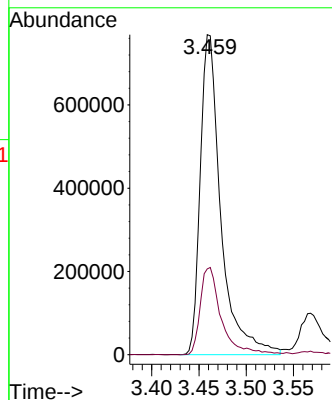
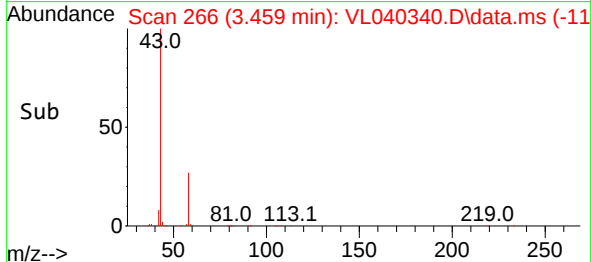
Instrument : MSVOA_L
ClientSampleId : VL0412ABS02



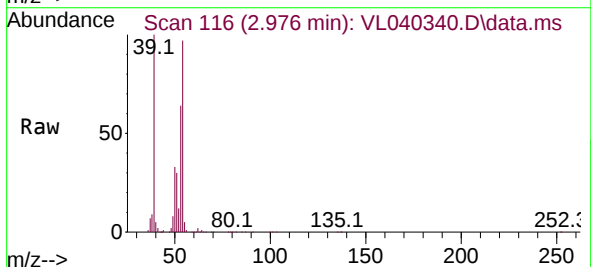
Tgt Ion: 43 Resp: 116555
Ion Ratio Lower Upper
43 100
58 28.0 21.8 32.8

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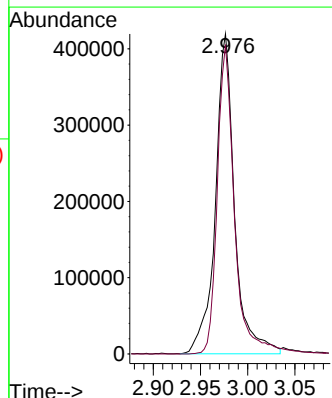
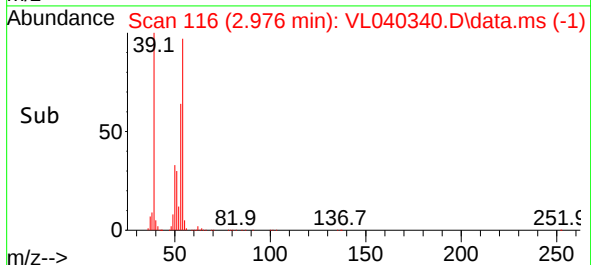
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

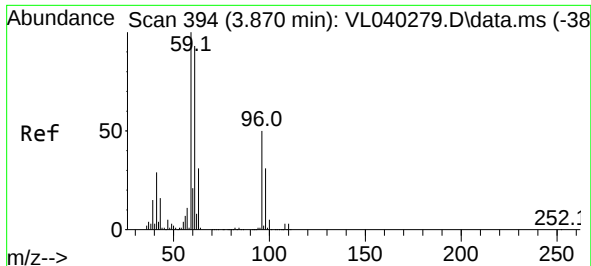


#16
1,3-Butadiene
Concen: 10.101 ppbv
RT: 2.976 min Scan# 116
Delta R.T. 0.000 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17



Tgt Ion: 39 Resp: 593380
Ion Ratio Lower Upper
39 100
54 87.4 68.4 102.6





#17

tert-Butyl alcohol

Concen: 10.718 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.000 min

Lab File: VL040340.D

Acq: 12 Apr 2023 15:17

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS02

Tgt Ion: 59 Resp: 1316349

Ion Ratio Lower Upper

59 100

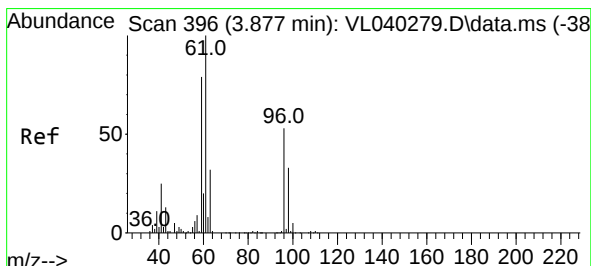
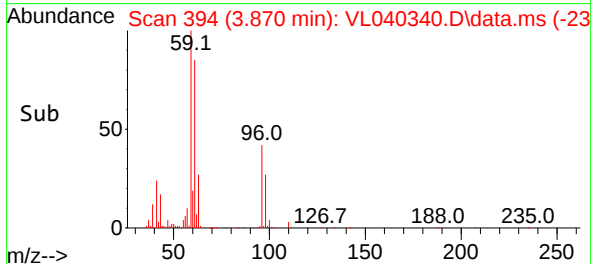
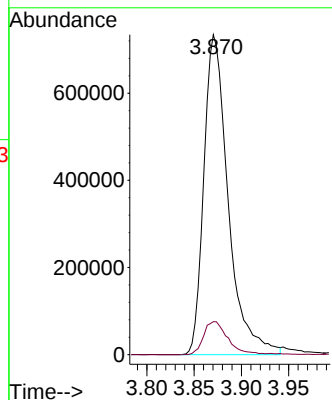
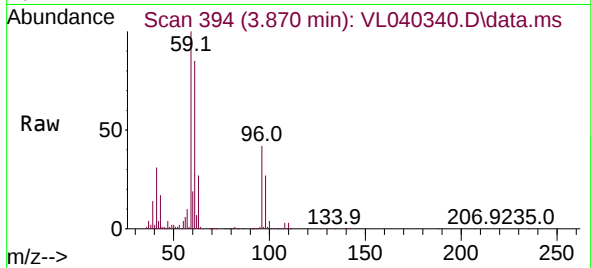
57 10.9 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#18

1,1-Dichloroethene

Concen: 9.291 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.000 min

Lab File: VL040340.D

Acq: 12 Apr 2023 15:17

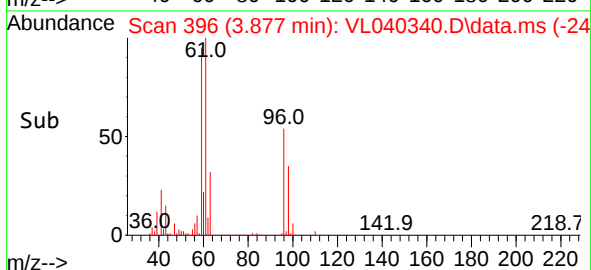
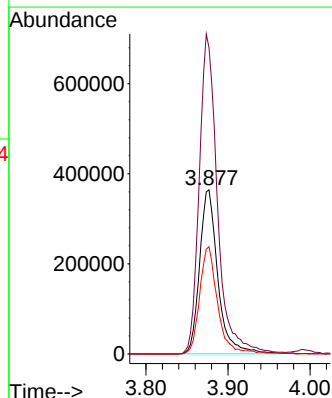
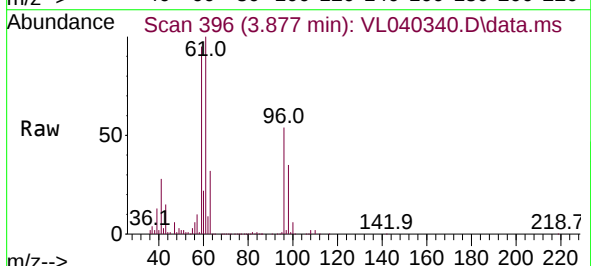
Tgt Ion: 96 Resp: 564861

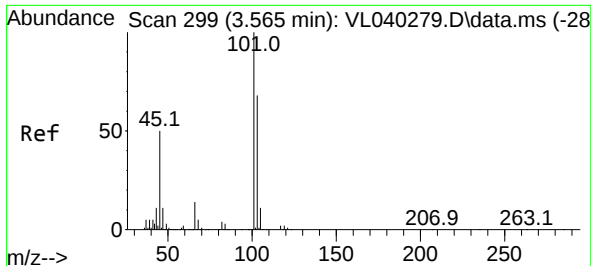
Ion Ratio Lower Upper

96 100

61 186.5 150.6 226.0

98 65.2 50.3 75.5





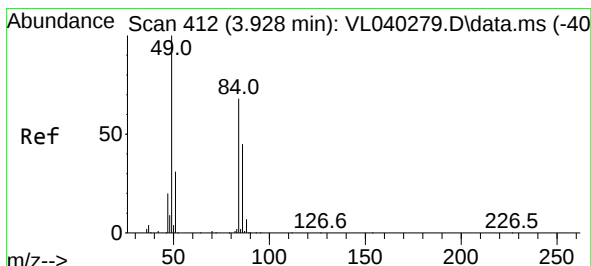
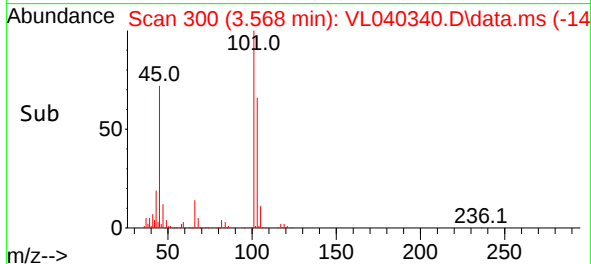
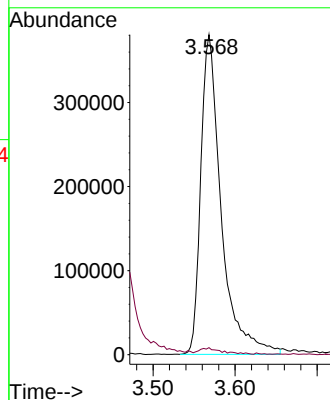
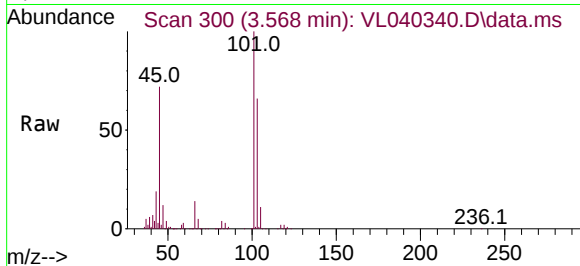
#19
Isopropyl Alcohol
Concen: 10.623 ppbv
RT: 3.568 min Scan# 300
Delta R.T. 0.003 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02

Tgt Ion: 45 Resp: 65764
Ion Ratio Lower Upper
45 100
58 2.5 2.7 4.1

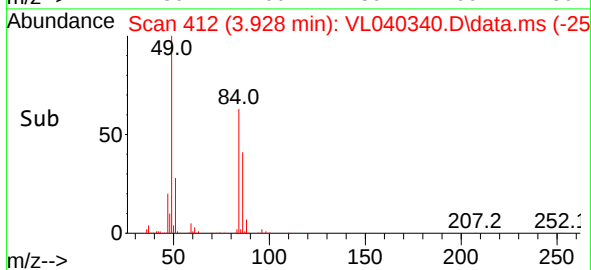
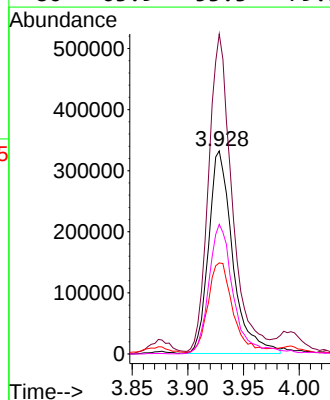
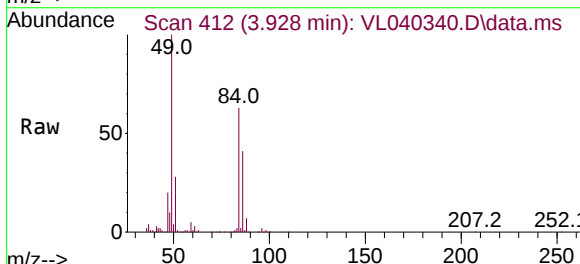
Manual Integrations
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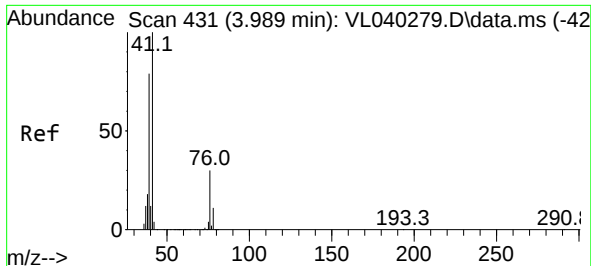
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#20
Methylene Chloride
Concen: 9.223 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.000 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

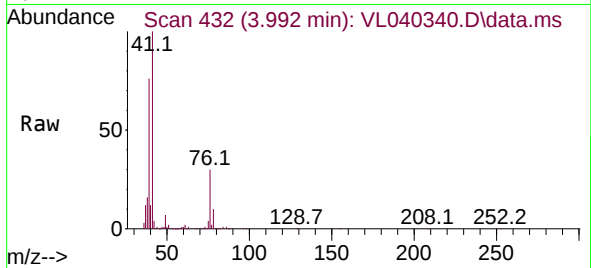
Tgt Ion: 84 Resp: 501429
Ion Ratio Lower Upper
84 100
49 156.4 117.5 176.3
51 44.0 36.9 55.3
86 63.9 53.3 79.9





#21
 Allyl Chloride
 Concen: 9.689 ppbv
 RT: 3.992 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040340.D
 Acq: 12 Apr 2023 15:17

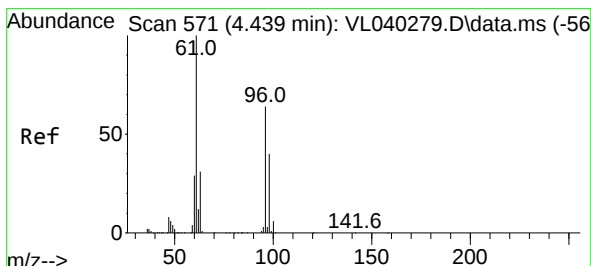
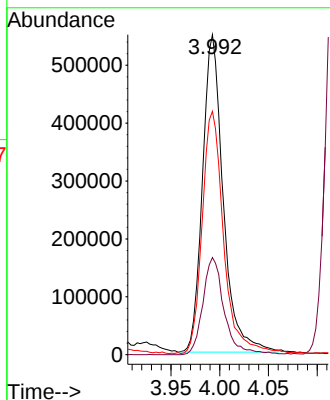
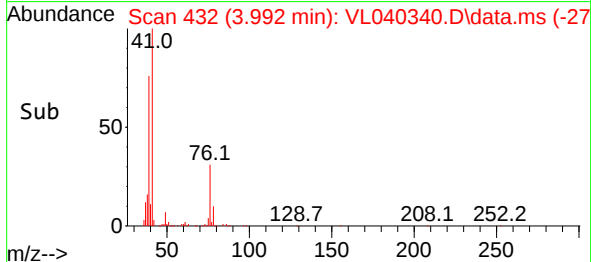
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABS02



Tgt Ion: 41 Resp: 811059
 Ion Ratio Lower Upper
 41 100
 76 31.7 25.4 38.0
 39 79.3 65.4 98.2

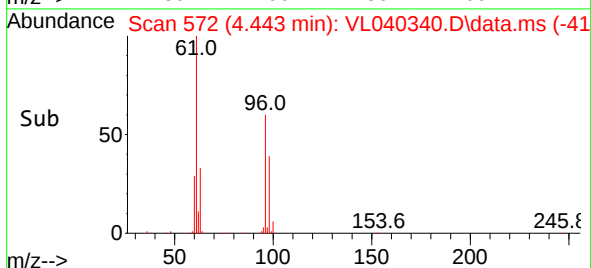
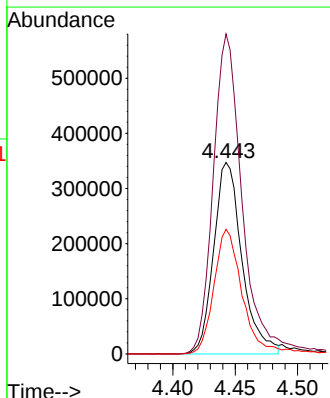
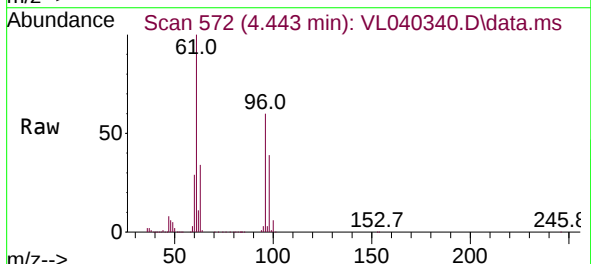
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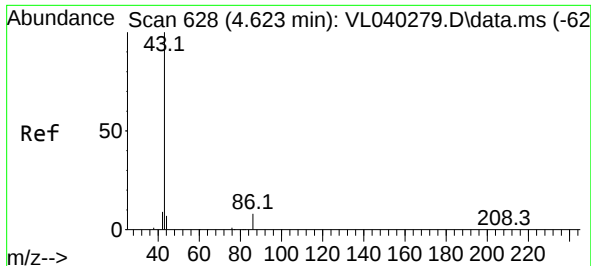
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#22
 trans-1,2-Dichloroethene
 Concen: 8.890 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. 0.004 min
 Lab File: VL040340.D
 Acq: 12 Apr 2023 15:17

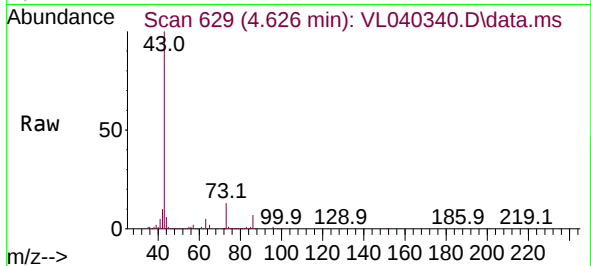
Tgt Ion: 96 Resp: 550096
 Ion Ratio Lower Upper
 96 100
 61 167.1 125.4 188.2
 98 65.1 49.8 74.6





#23
 Vinyl Acetate
 Concen: 10.311 ppbv m
 RT: 4.626 min Scan# 611
 Delta R.T. 0.003 min
 Lab File: VL040340.D
 Acq: 12 Apr 2023 15:17

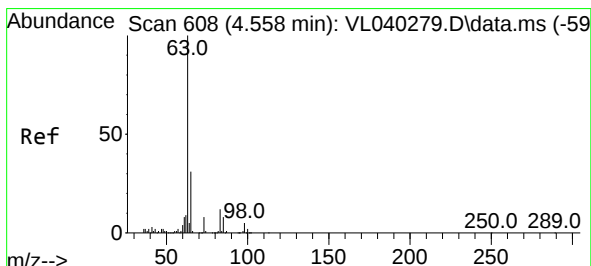
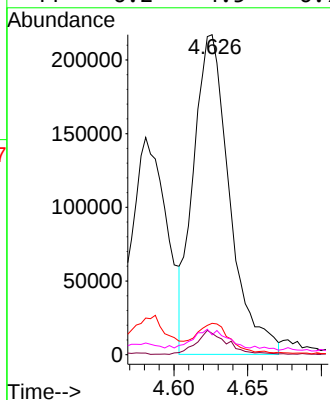
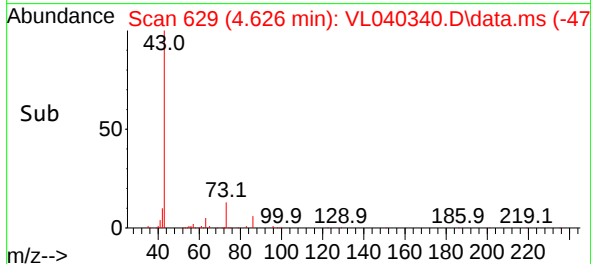
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABS02



Tgt Ion: 43 Resp: 37071
 Ion Ratio Lower Upper
 43 100
 86 6.6 5.0 7.4
 42 9.8 9.1 13.7
 44 6.2 4.5 6.7

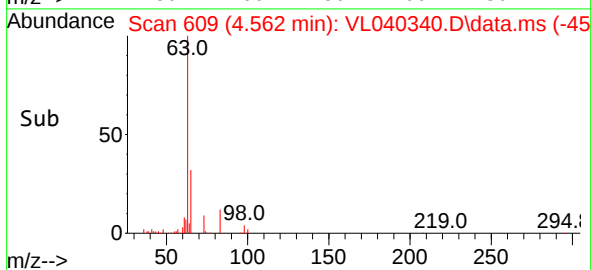
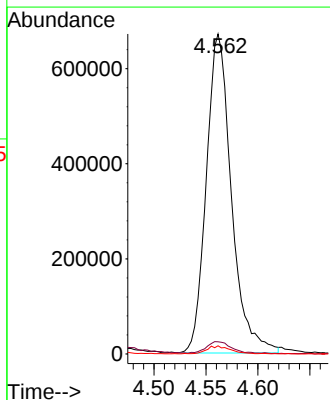
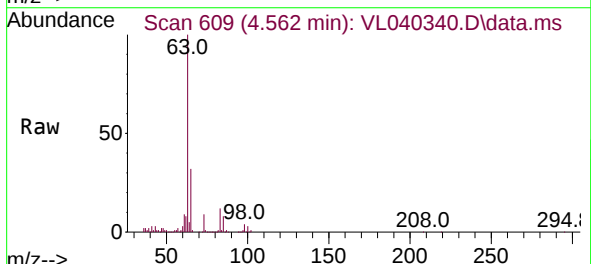
Manual Integrations
 APPROVED

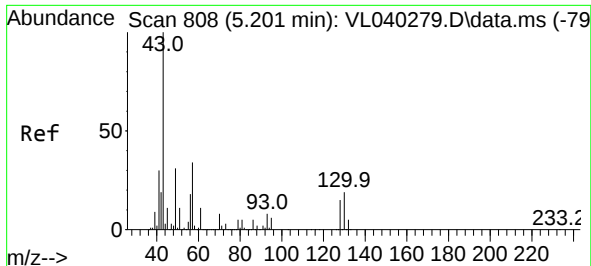
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#24
 1,1-Dichloroethane
 Concen: 8.791 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.004 min
 Lab File: VL040340.D
 Acq: 12 Apr 2023 15:17

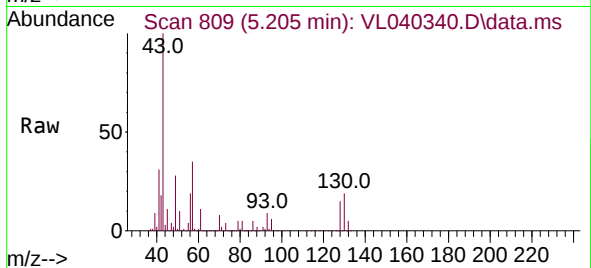
Tgt Ion: 63 Resp: 1127338
 Ion Ratio Lower Upper
 63 100
 98 3.6 2.4 7.2
 100 2.5 1.2 3.6





#25
Ethyl Acetate
Concen: 10.029 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.004 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

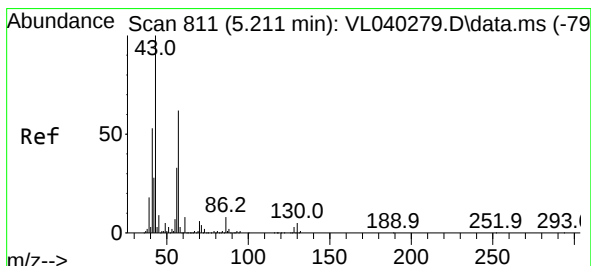
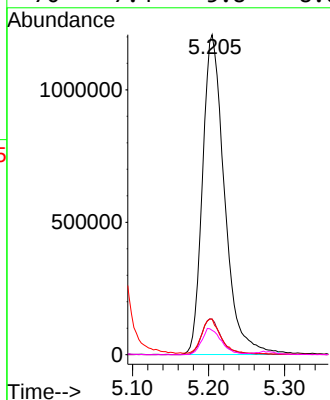
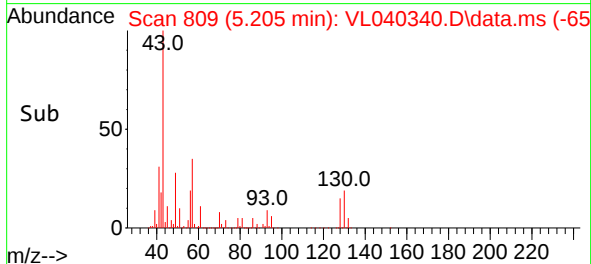
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02



Tgt Ion: 43 Resp: 242640
Ion Ratio Lower Upper
43 100
45 10.4 8.6 12.8
61 10.6 8.4 12.6
70 7.4 5.8 8.6

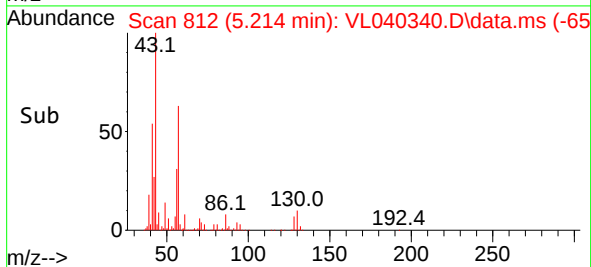
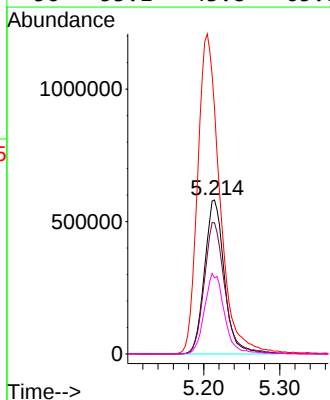
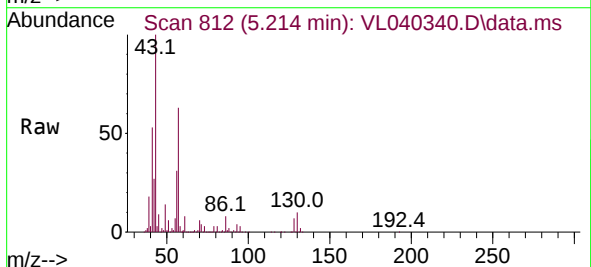
Manual Integrations
APPROVED

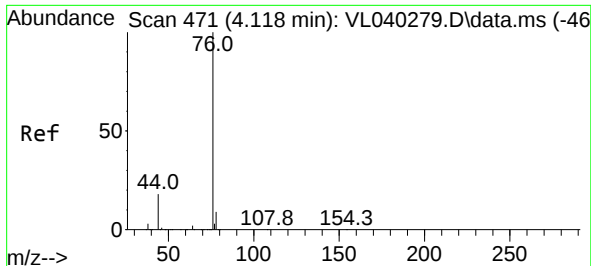
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#26
Hexane
Concen: 10.603 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

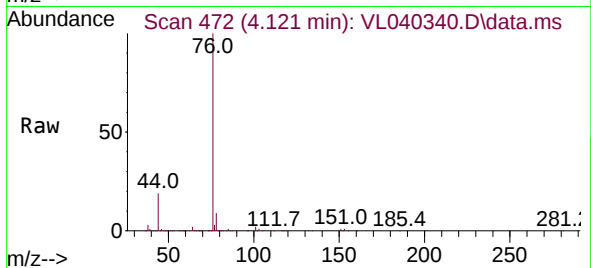
Tgt Ion: 57 Resp: 1053026
Ion Ratio Lower Upper
57 100
41 89.7 73.5 110.3
43 232.8 196.3 294.5
56 53.1 43.8 65.8





#27
Carbon Disulfide
Concen: 9.997 ppbv
RT: 4.121 min Scan# 471
Delta R.T. 0.003 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

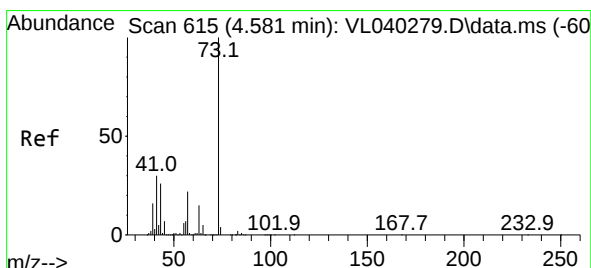
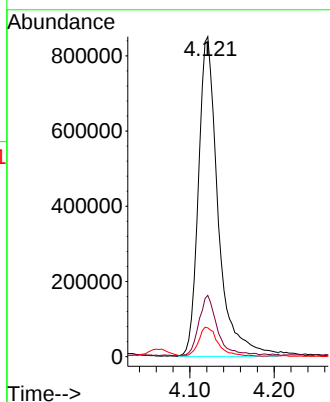
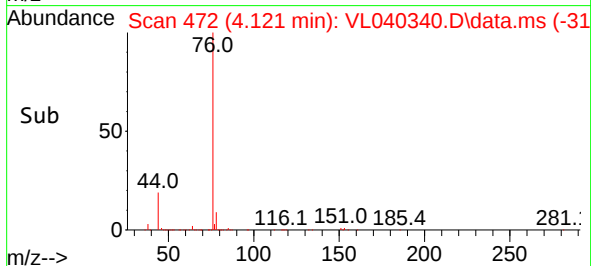
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02



Tgt Ion: 76 Resp: 1386760
Ion Ratio Lower Upper
76 100
44 18.2 15.2 22.8
78 9.3 7.6 11.4

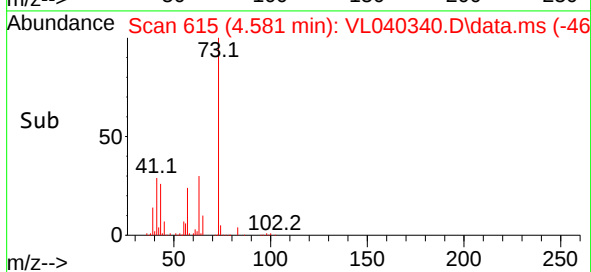
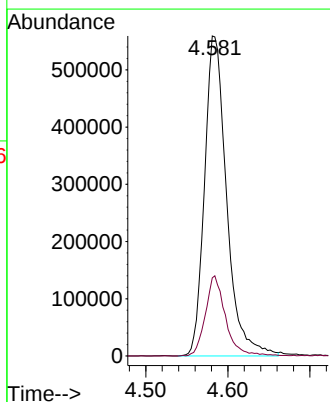
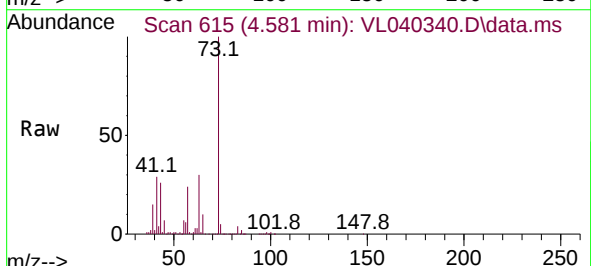
Manual Integrations
APPROVED

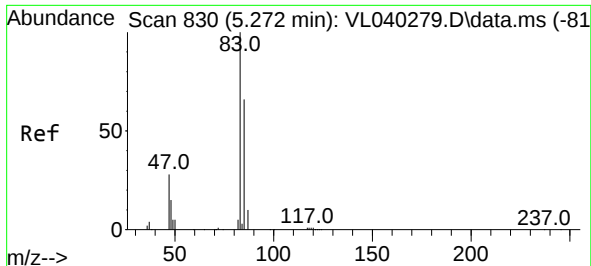
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#28
Methyl tert-Butyl Ether
Concen: 9.192 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.000 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

Tgt Ion: 73 Resp: 1048154
Ion Ratio Lower Upper
73 100
57 22.9 18.4 27.6





#29

Chloroform

Concen: 9.892 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040340.D

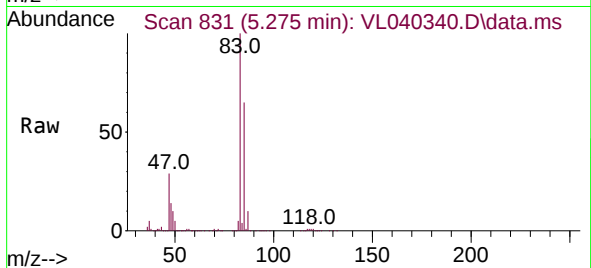
Acq: 12 Apr 2023 15:17

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS02



Tgt Ion: 83 Resp: 173468

Ion Ratio Lower Upper

83 100

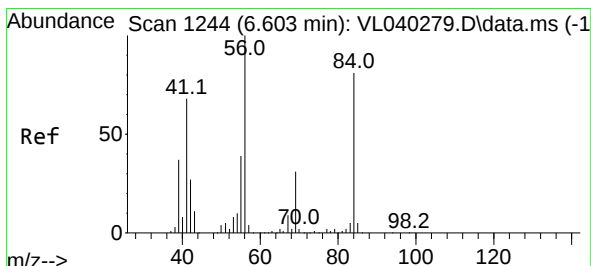
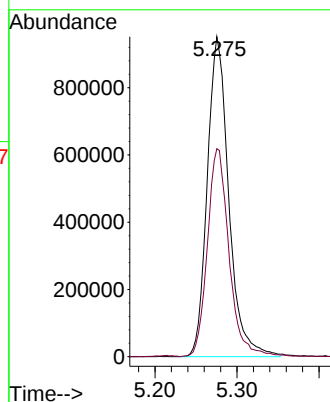
85 64.9 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#30

Cyclohexane

Concen: 11.109 ppbv

RT: 6.607 min Scan# 1245

Delta R.T. 0.004 min

Lab File: VL040340.D

Acq: 12 Apr 2023 15:17

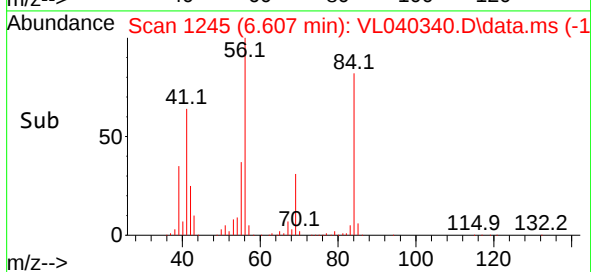
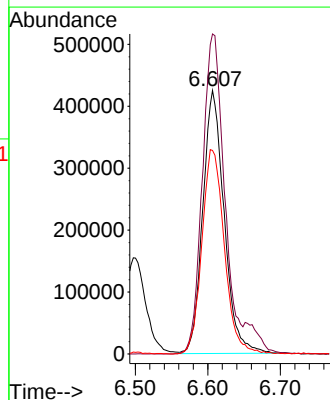
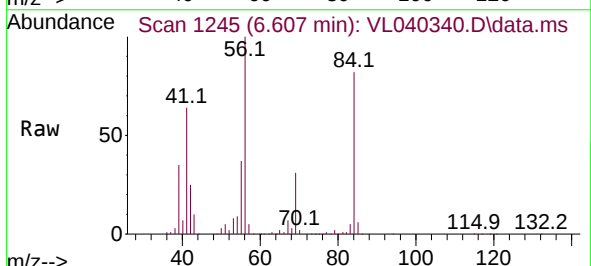
Tgt Ion: 84 Resp: 869371

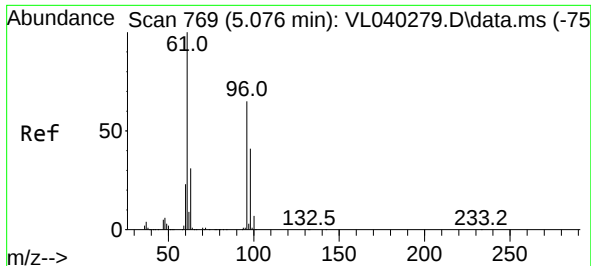
Ion Ratio Lower Upper

84 100

56 133.1 109.0 163.4

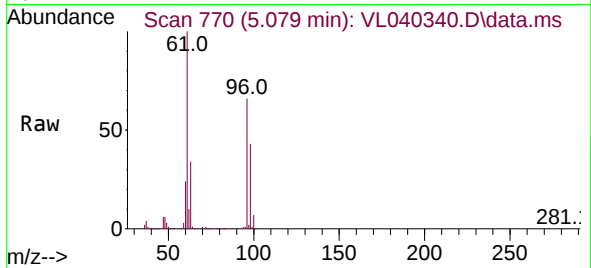
41 81.9 67.9 101.9





#31
 cis-1,2-Dichloroethene
 Concen: 10.982 ppbv
 RT: 5.079 min Scan# 769
 Delta R.T. 0.003 min
 Lab File: VL040340.D
 Acq: 12 Apr 2023 15:17

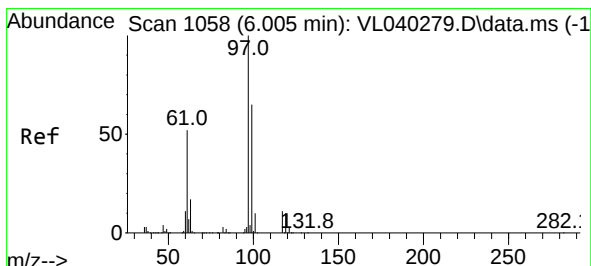
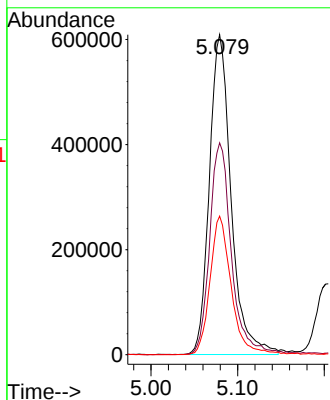
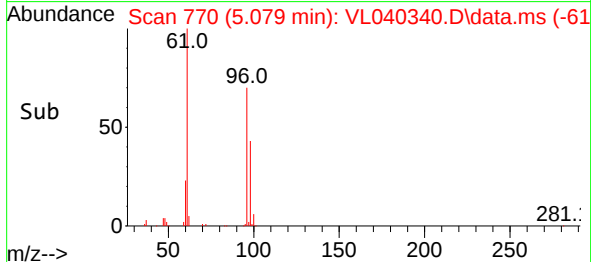
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABS02



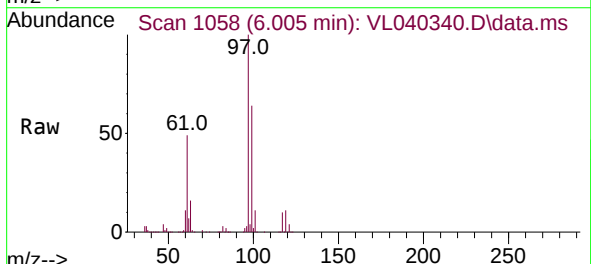
Tgt Ion: 61 Resp: 1062119
 Ion Ratio Lower Upper
 61 100
 96 66.2 51.8 77.8
 98 43.2 32.5 48.7

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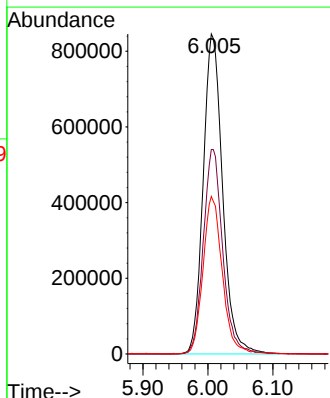
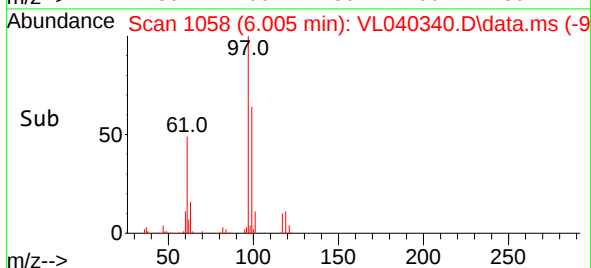
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

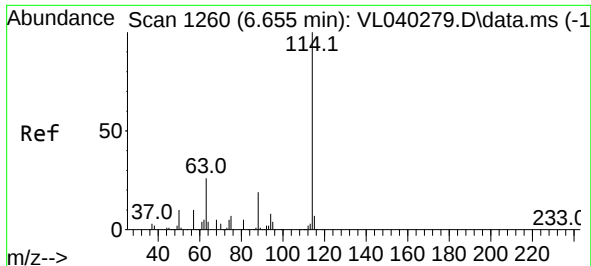


#32
 1,1,1-Trichloroethane
 Concen: 10.465 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VL040340.D
 Acq: 12 Apr 2023 15:17



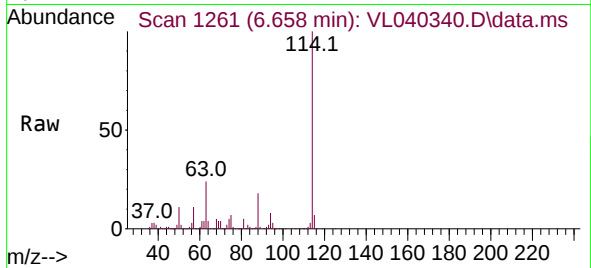
Tgt Ion: 97 Resp: 1758269
 Ion Ratio Lower Upper
 97 100
 99 63.9 52.2 78.2
 61 49.1 41.4 62.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

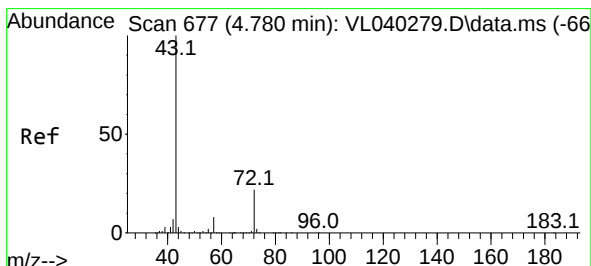
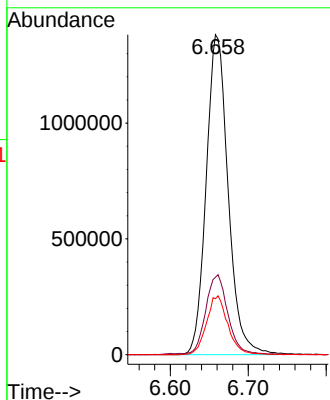
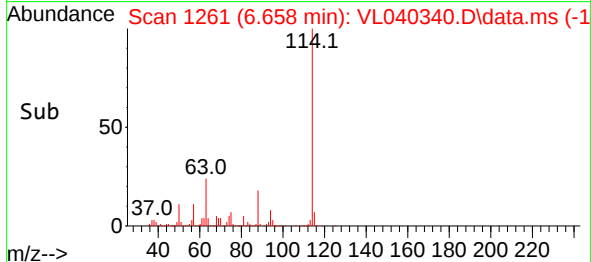
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02



Tgt Ion:114 Resp: 2703400
Ion Ratio Lower Upper
114 100
63 25.7 21.2 31.8
88 18.0 14.5 21.7

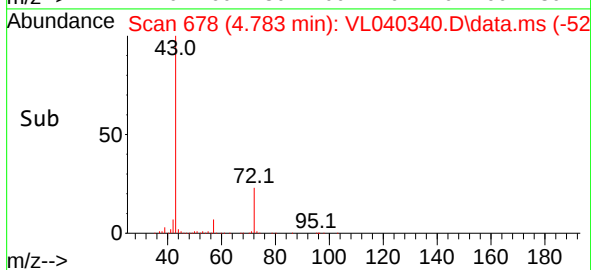
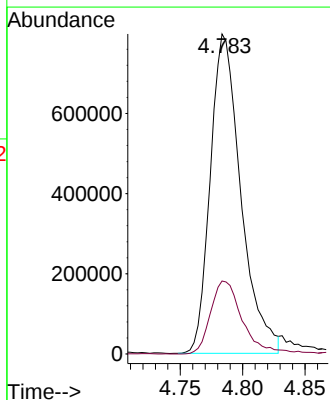
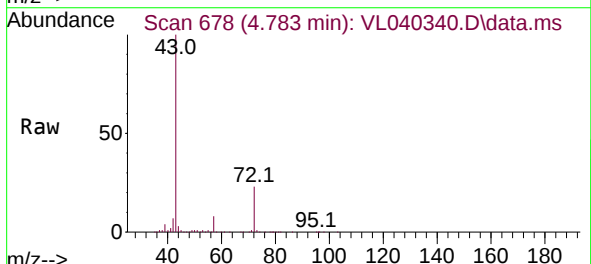
Manual Integrations
APPROVED

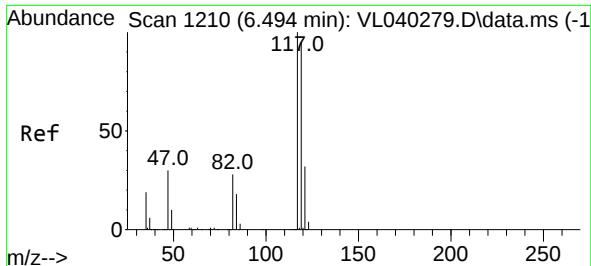
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#34
2-Butanone
Concen: 10.196 ppbv
RT: 4.783 min Scan# 678
Delta R.T. 0.003 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

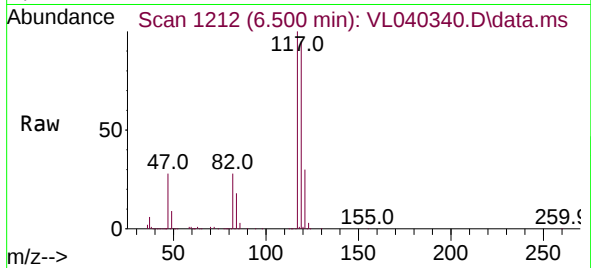
Tgt Ion: 43 Resp: 1360363
Ion Ratio Lower Upper
43 100
72 24.5 18.3 27.5





#35
Carbon Tetrachloride
Concen: 10.456 ppbv
RT: 6.500 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

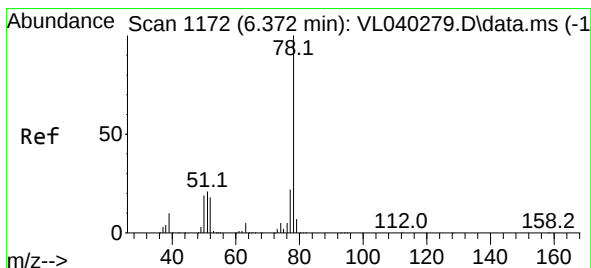
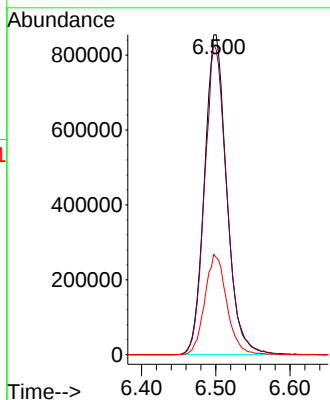
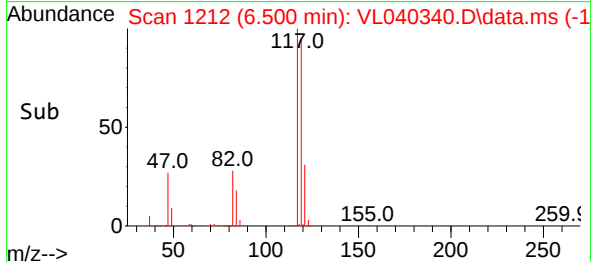
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02



Tgt Ion:117 Resp: 1773818
Ion Ratio Lower Upper
117 100
119 95.4 76.4 114.6
121 30.4 25.6 38.4

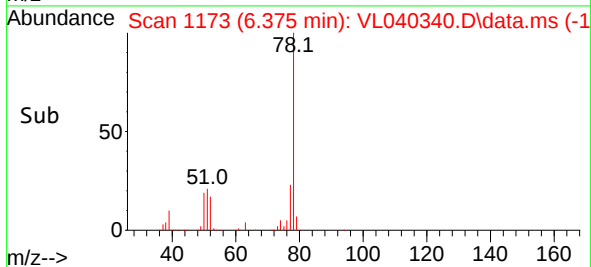
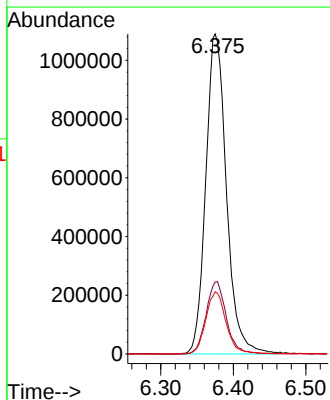
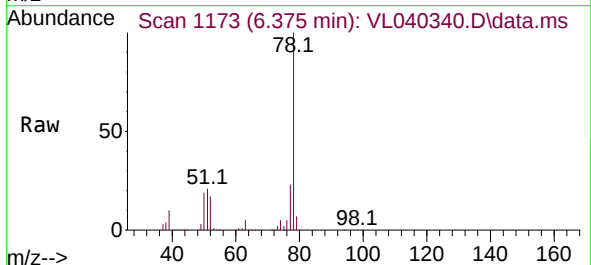
Manual Integrations
APPROVED

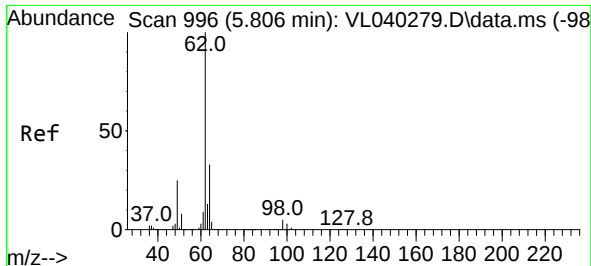
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#36
Benzene
Concen: 10.481 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

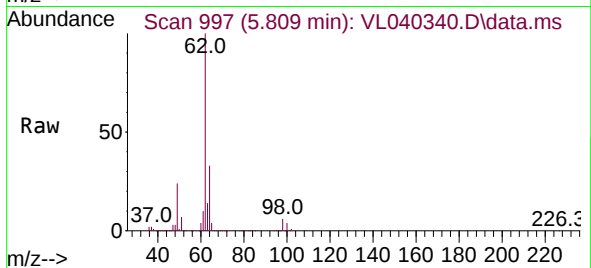
Tgt Ion: 78 Resp: 2159349
Ion Ratio Lower Upper
78 100
77 22.5 17.8 26.8
50 19.5 15.4 23.2





#37
1,2-Dichloroethane
Concen: 10.063 ppbv
RT: 5.809 min Scan# 996
Delta R.T. 0.003 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

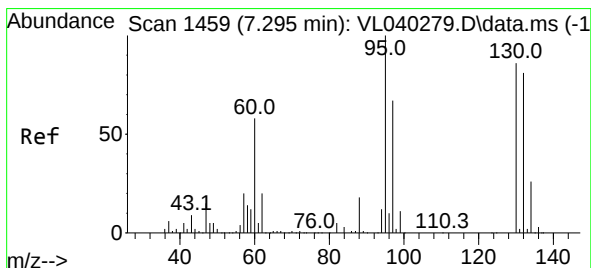
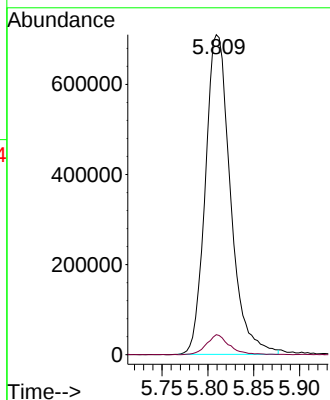
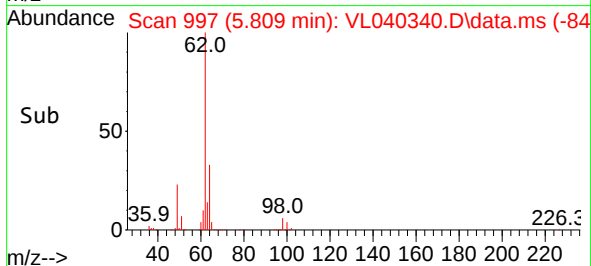
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02



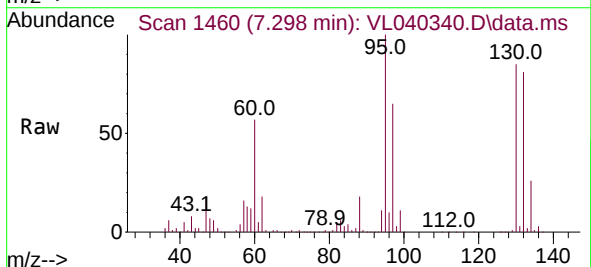
Tgt Ion: 62 Resp: 134943
Ion Ratio Lower Upper
62 100
98 5.6 4.3 6.5

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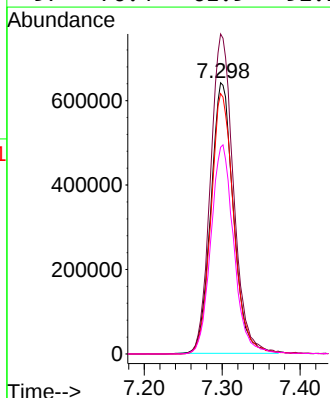
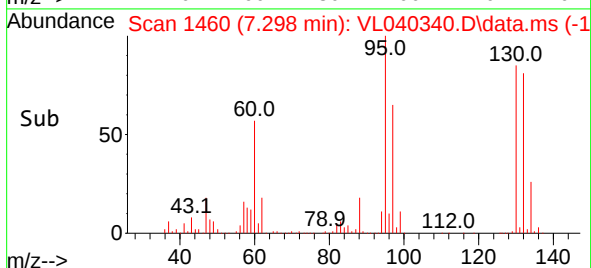
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

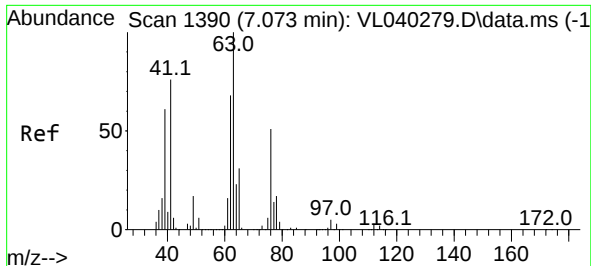


#38
Trichloroethene
Concen: 11.439 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.003 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17



Tgt Ion:130 Resp: 1287831
Ion Ratio Lower Upper
130 100
95 118.2 93.0 139.4
132 96.2 75.3 112.9
97 76.4 61.9 92.9





#39

1,2-Dichloropropane

Concen: 10.212 ppbv

RT: 7.079 min Scan# 1390

Delta R.T. 0.006 min

Lab File: VL040340.D

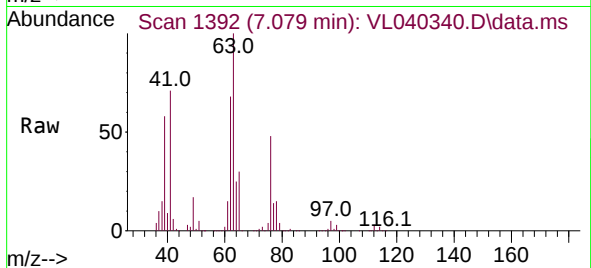
Acq: 12 Apr 2023 15:17

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS02



Tgt Ion: 63 Resp: 82546

Ion Ratio Lower Upper

63 100

41 71.1 60.8 91.2

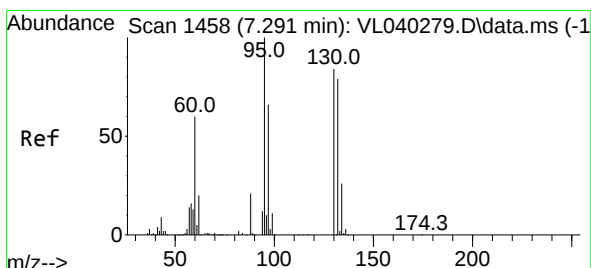
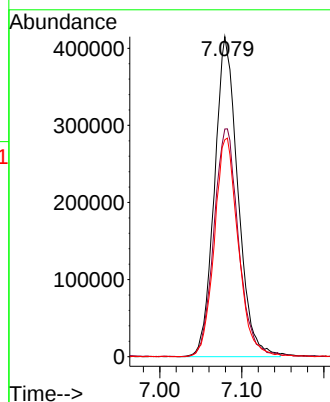
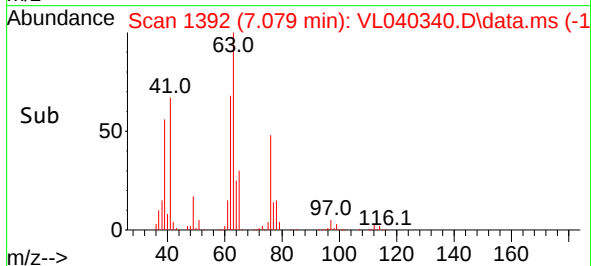
62 67.7 54.1 81.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#40

1,4-Dioxane

Concen: 9.595 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. 0.004 min

Lab File: VL040340.D

Acq: 12 Apr 2023 15:17

Tgt Ion: 88 Resp: 306836

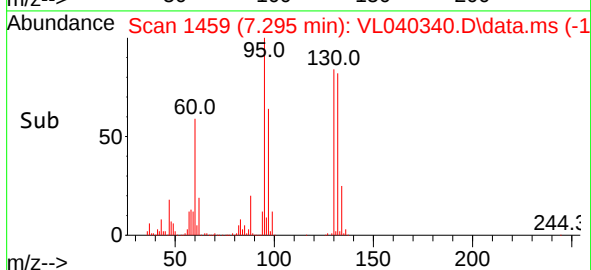
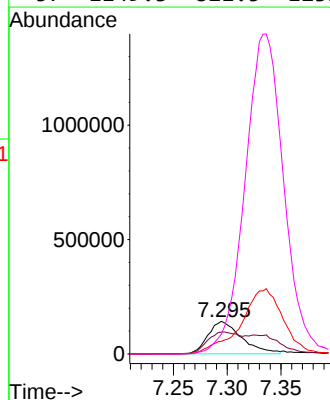
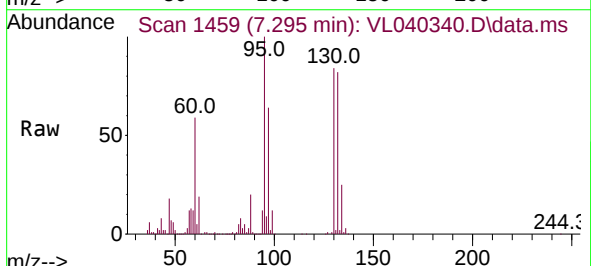
Ion Ratio Lower Upper

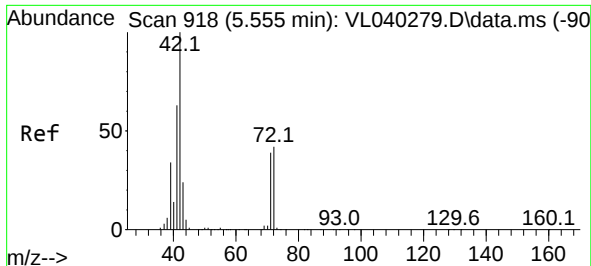
88 100

58 129.4 96.0 144.0

43 255.6 187.6 281.4

57 1149.3 821.5 1232.3





#41

Tetrahydrofuran

Concen: 10.569 ppbv

RT: 5.555 min Scan# 918

Delta R.T. 0.000 min

Lab File: VL040340.D

Acq: 12 Apr 2023 15:17

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS02

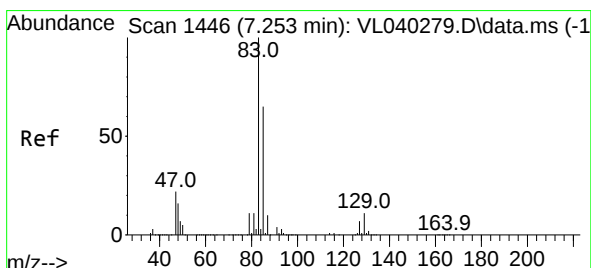
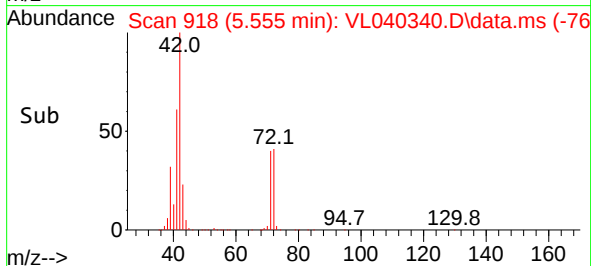
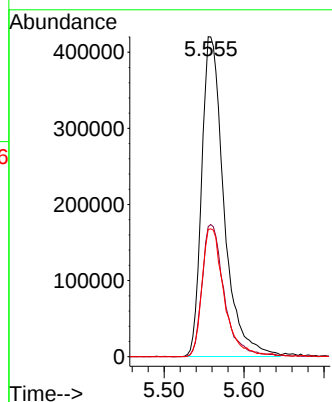
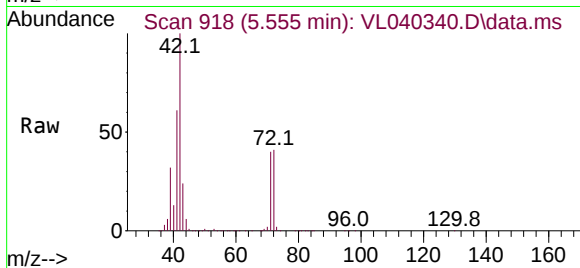
Tgt Ion: 42 Resp: 81387

Ion	Ratio	Lower	Upper
42	100		
72	41.3	32.6	49.0
71	40.0	31.0	46.4

Manual Integrations

APPROVED

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



#42

Bromodichloromethane

Concen: 10.386 ppbv

RT: 7.259 min Scan# 1448

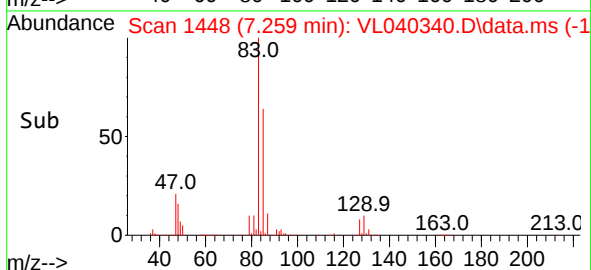
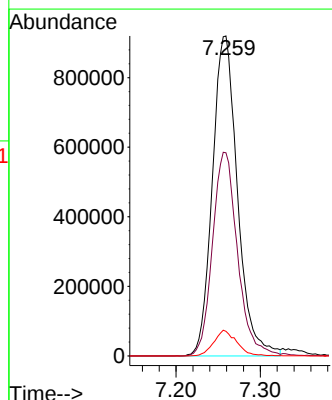
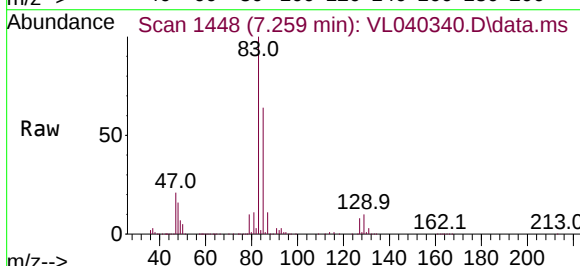
Delta R.T. 0.006 min

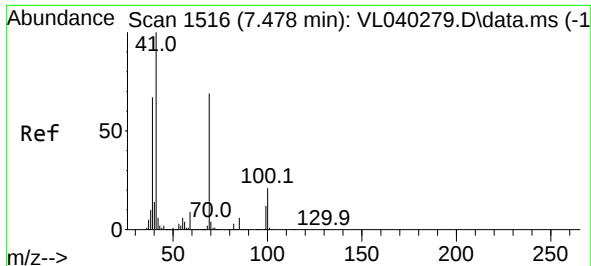
Lab File: VL040340.D

Acq: 12 Apr 2023 15:17

Tgt Ion: 83 Resp: 1903136

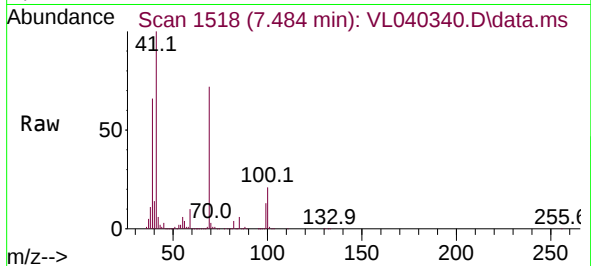
Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.1	78.1
127	7.7	5.8	8.6





#43
Methyl Methacrylate
Concen: 11.207 ppbv
RT: 7.484 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

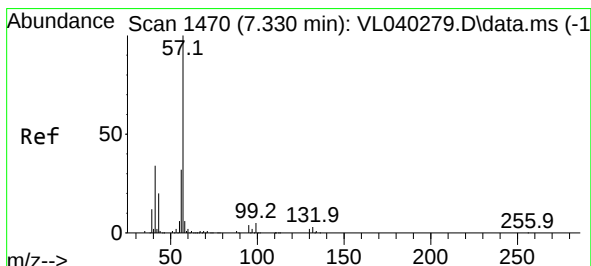
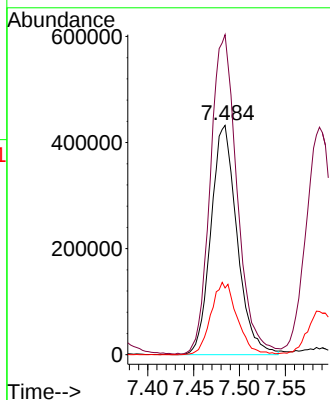
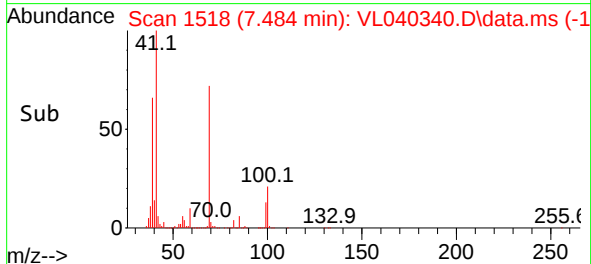
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02



Tgt Ion: 69 Resp: 858015
Ion Ratio Lower Upper
69 100
41 142.0 116.9 175.3
100 31.5 24.2 36.4

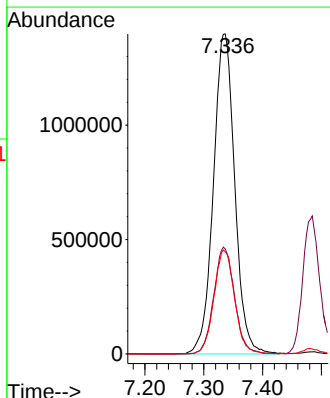
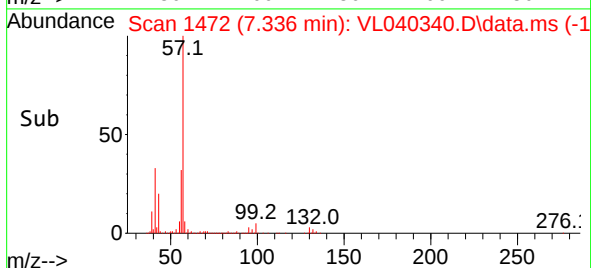
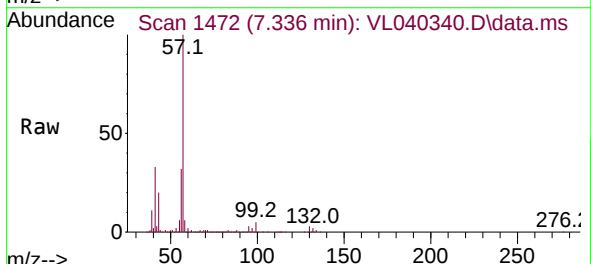
Manual Integrations
APPROVED

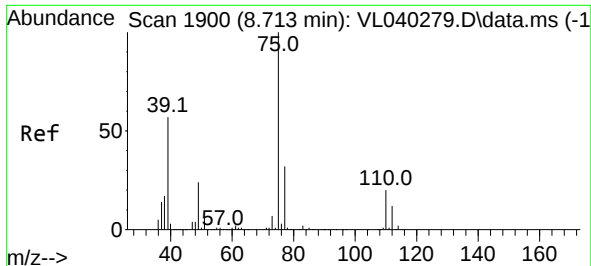
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#44
2,2,4-Trimethylpentane
Concen: 10.260 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

Tgt Ion: 57 Resp: 3524253
Ion Ratio Lower Upper
57 100
41 32.7 26.8 40.2
56 31.5 25.0 37.6





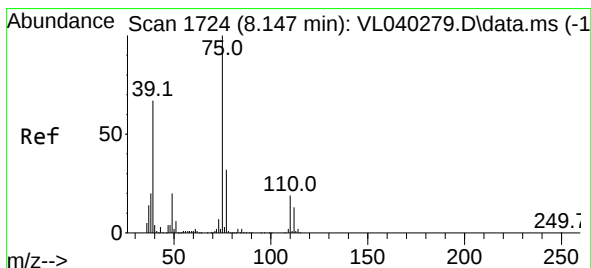
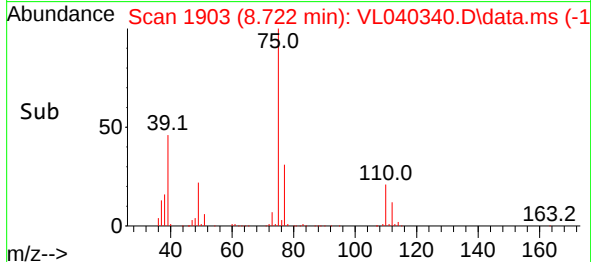
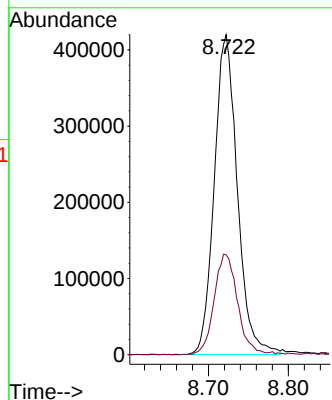
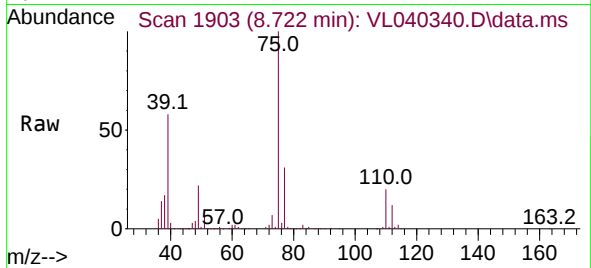
#45
 t-1,3-Dichloropropene
 Concen: 12.572 ppbv
 RT: 8.722 min Scan# 1900
 Delta R.T. 0.009 min
 Lab File: VL040340.D
 Acq: 12 Apr 2023 15:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABS02

Tgt Ion: 75 Resp: 83907
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0

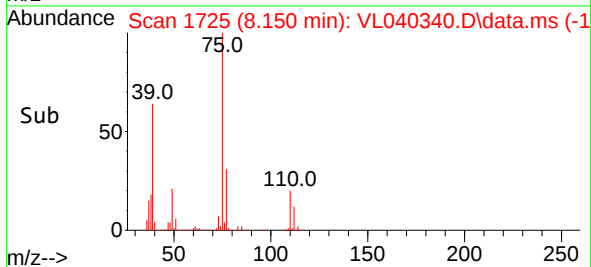
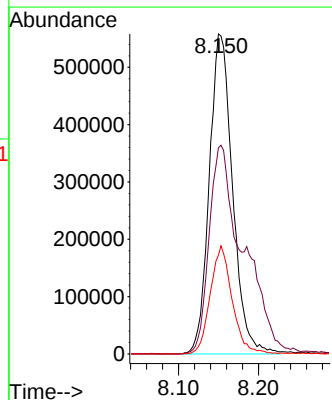
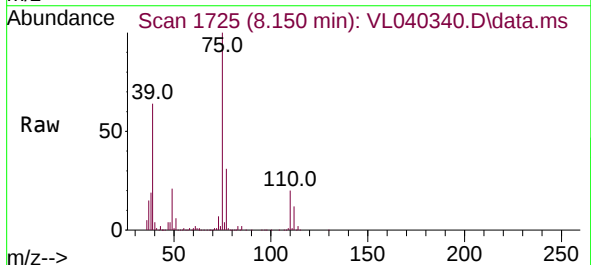
Manual Integrations
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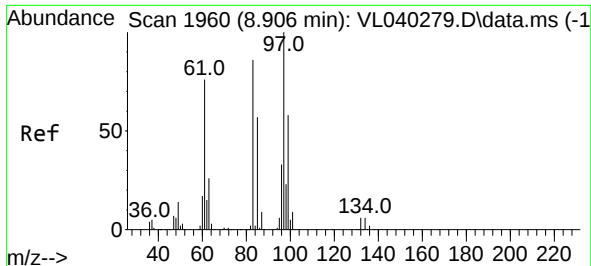
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#46
 cis-1,3-Dichloropropene
 Concen: 11.918 ppbv
 RT: 8.150 min Scan# 1725
 Delta R.T. 0.003 min
 Lab File: VL040340.D
 Acq: 12 Apr 2023 15:17

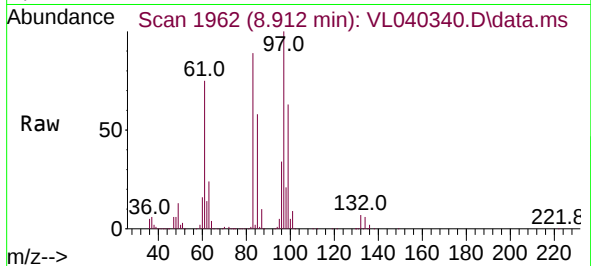
Tgt Ion: 75 Resp: 1129583
 Ion Ratio Lower Upper
 75 100
 39 64.4 53.9 80.9
 77 30.9 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 10.346 ppbv
RT: 8.912 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

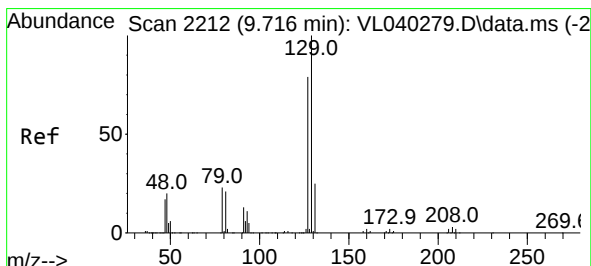
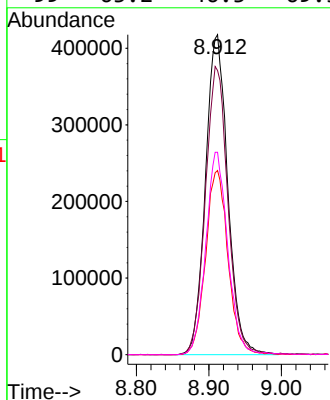
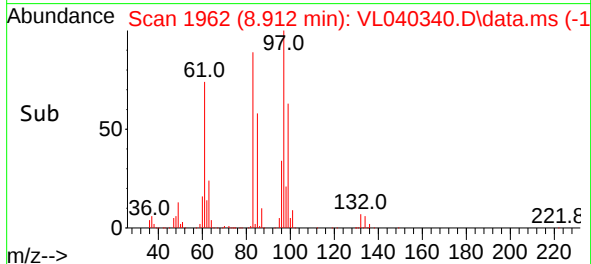
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02



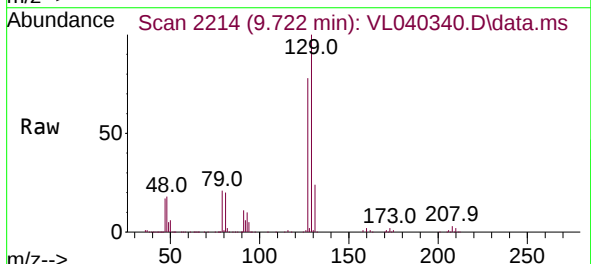
Tgt Ion: 97 Resp: 892239
Ion Ratio Lower Upper
97 100
83 88.7 68.6 103.0
85 57.5 46.0 69.0
99 63.2 46.3 69.5

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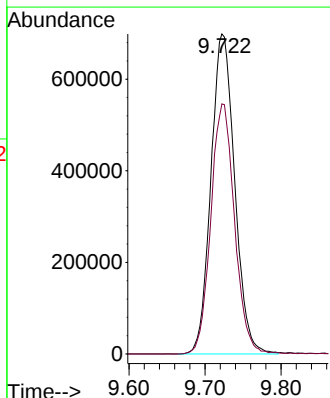
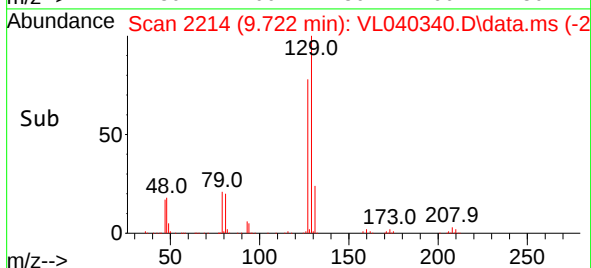
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

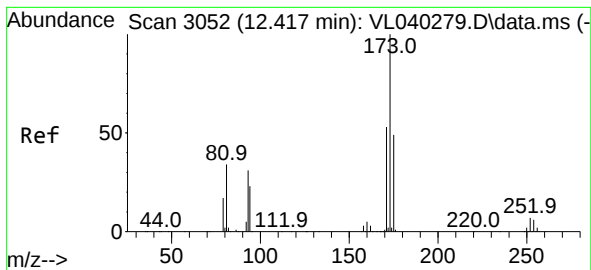


#48
Dibromochloromethane
Concen: 10.688 ppbv
RT: 9.722 min Scan# 2214
Delta R.T. 0.006 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17



Tgt Ion:129 Resp: 1516834
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.5





#49

Bromoform

Concen: 10.970 ppbv

RT: 12.423 min Scan# 3052

Delta R.T. 0.006 min

Lab File: VL040340.D

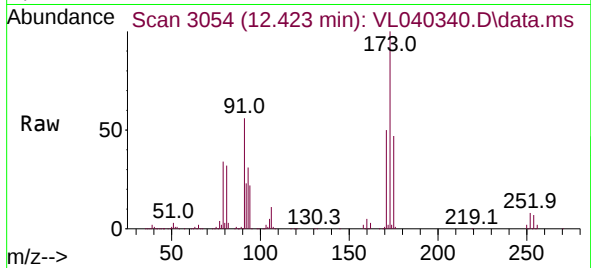
Acq: 12 Apr 2023 15:17

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS02



Tgt Ion:173 Resp: 1169360

Ion Ratio Lower Upper

173 100

175 48.9 39.8 59.8

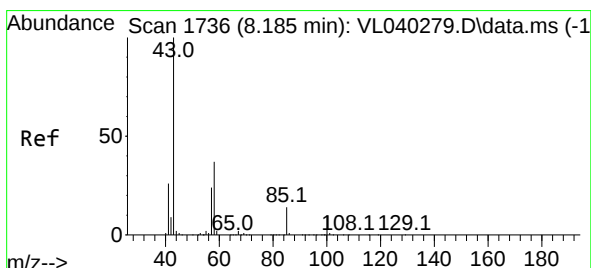
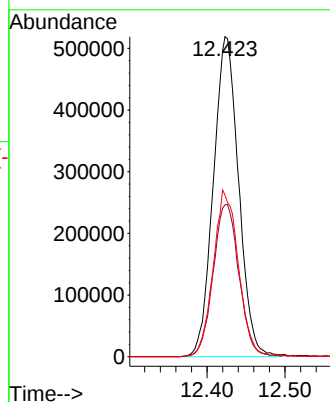
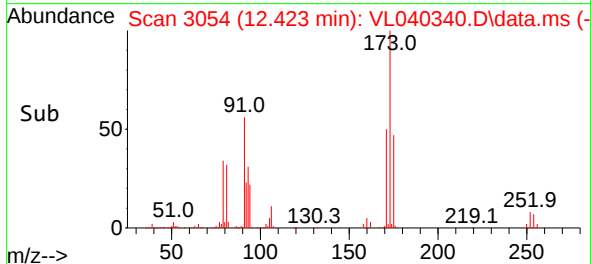
171 52.0 42.2 63.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#50

4-Methyl-2-Pentanone

Concen: 10.602 ppbv

RT: 8.188 min Scan# 1737

Delta R.T. 0.003 min

Lab File: VL040340.D

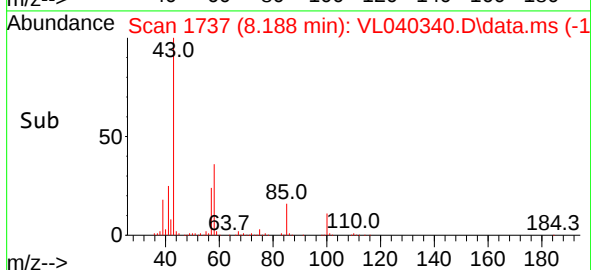
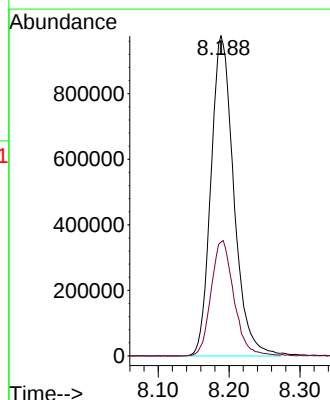
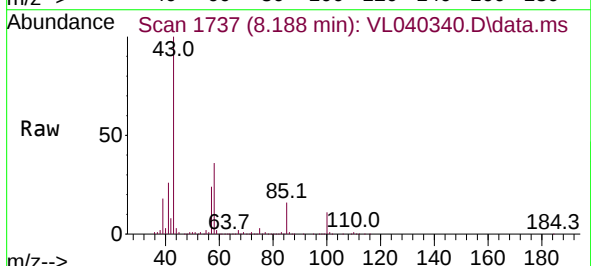
Acq: 12 Apr 2023 15:17

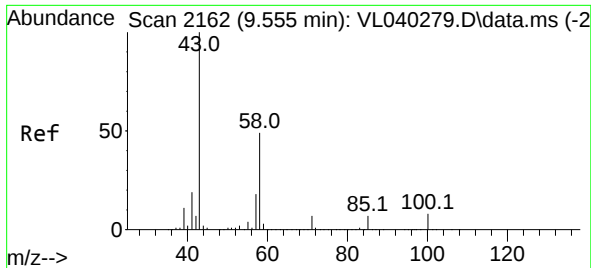
Tgt Ion: 43 Resp: 2189018

Ion Ratio Lower Upper

43 100

58 36.1 29.2 43.8





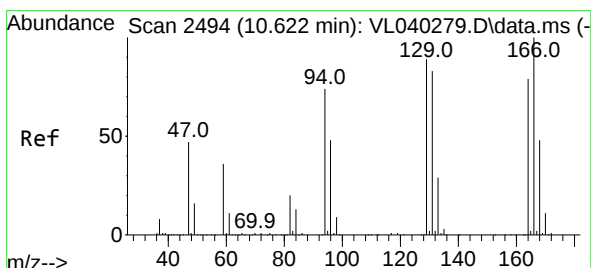
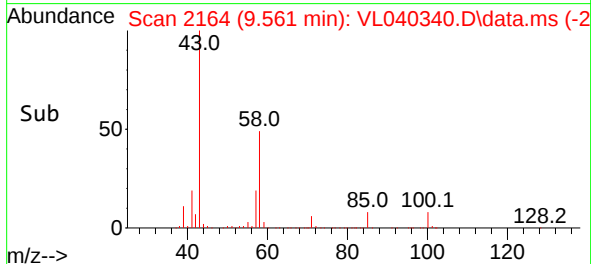
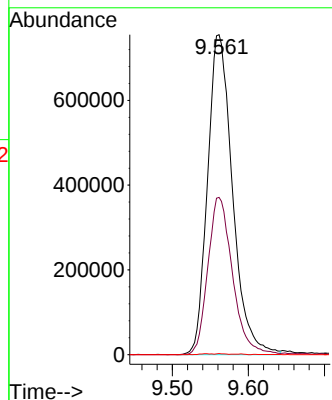
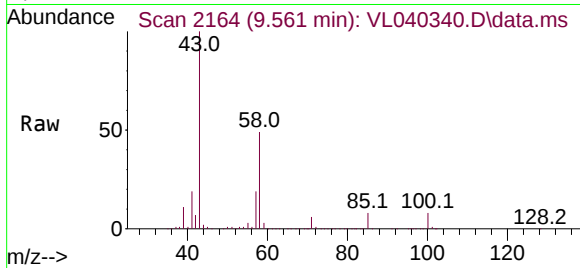
#51
2-Hexanone
Concen: 10.759 ppbv
RT: 9.561 min Scan# 2162
Delta R.T. 0.006 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02

Tgt Ion: 43 Resp: 1720908
Ion Ratio Lower Upper
43 100
58 49.2 38.0 57.0
98 0.4 0.5 0.7

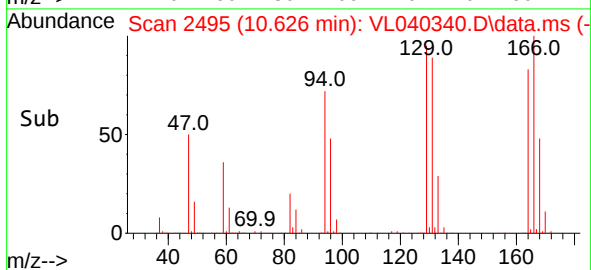
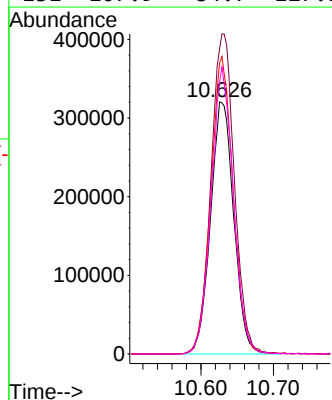
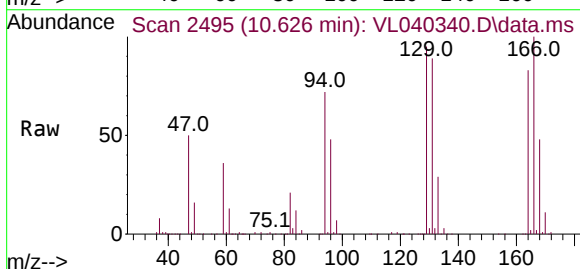
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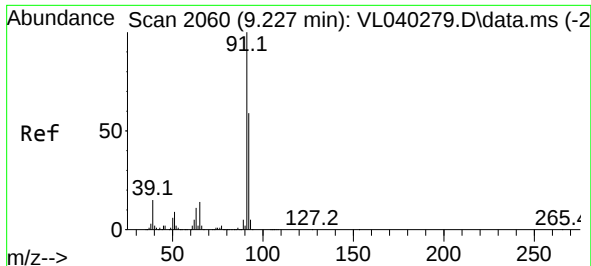
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#52
Tetrachloroethene
Concen: 11.415 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.004 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

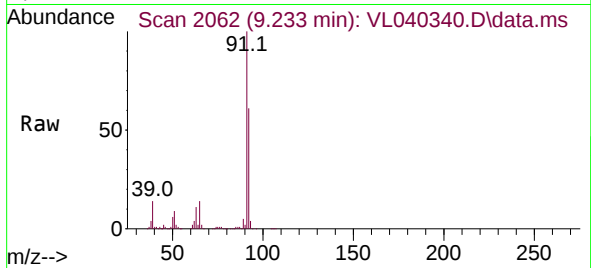
Tgt Ion:164 Resp: 711491
Ion Ratio Lower Upper
164 100
166 120.9 101.8 152.6
129 115.4 90.2 135.2
131 107.9 84.7 127.1





#53
Toluene
Concen: 11.288 ppbv
RT: 9.233 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

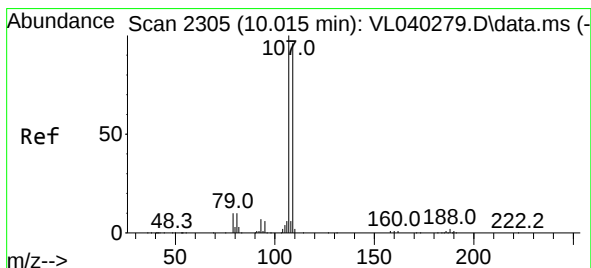
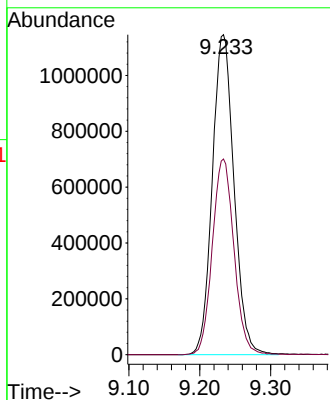
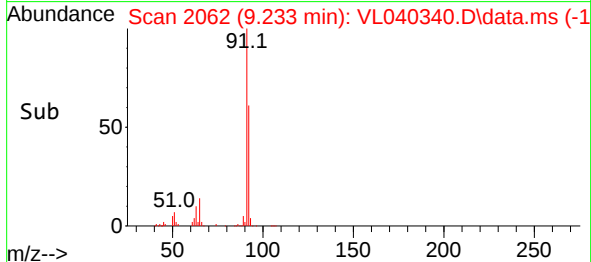
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02



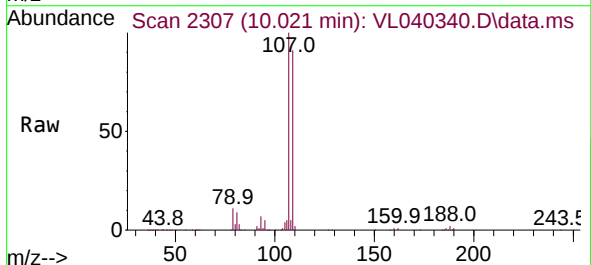
Tgt Ion: 91 Resp: 243720
Ion Ratio Lower Upper
91 100
92 61.2 48.0 72.0

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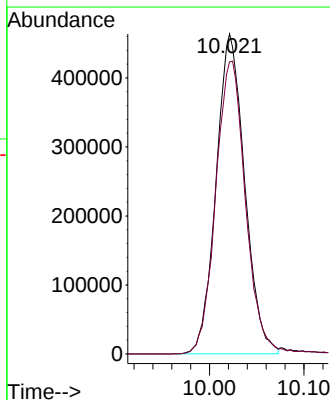
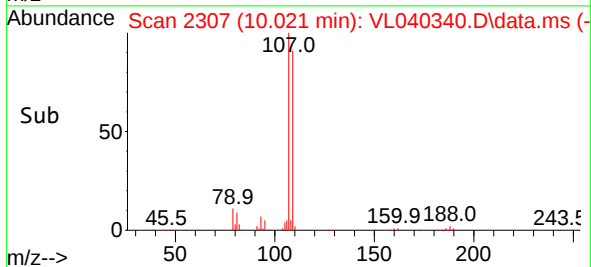
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

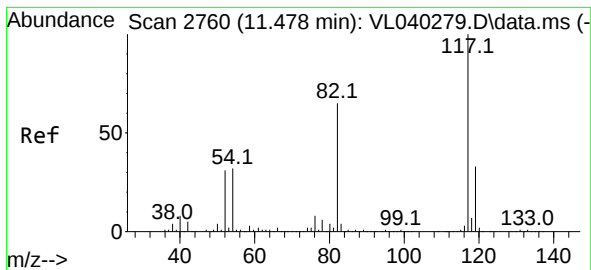


#54
1,2-Dibromoethane
Concen: 10.966 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17



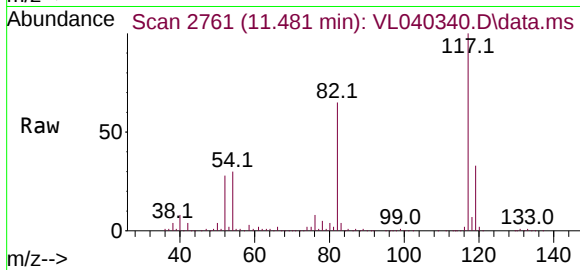
Tgt Ion:107 Resp: 973467
Ion Ratio Lower Upper
107 100
109 91.3 77.0 115.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

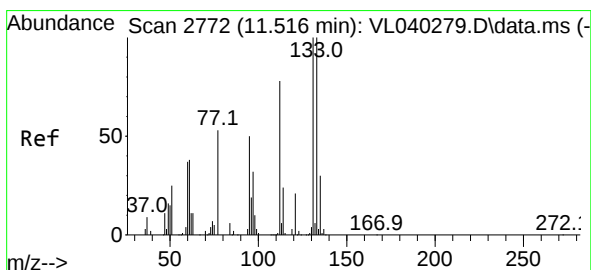
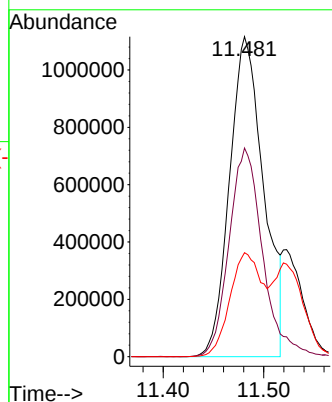
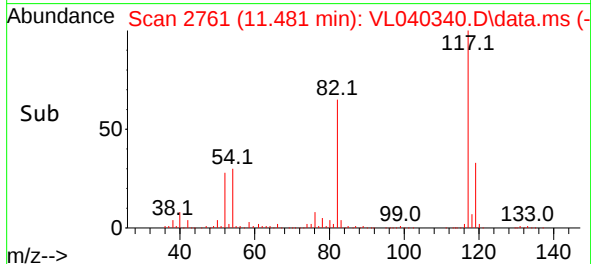
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02



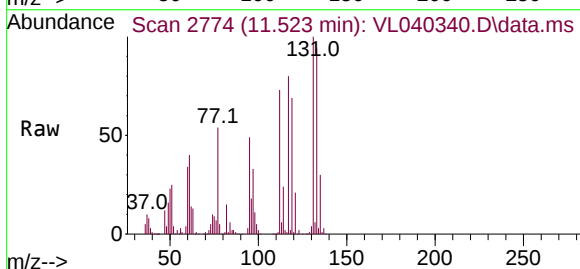
Tgt Ion:117 Resp: 262882
Ion Ratio Lower Upper
117 100
82 64.3 51.4 77.2
119 30.6 24.0 36.0

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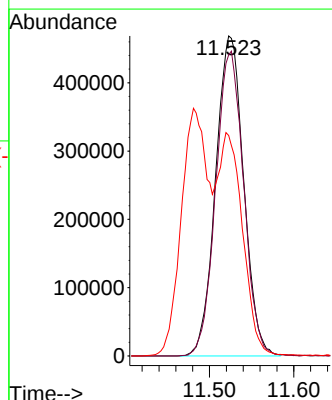
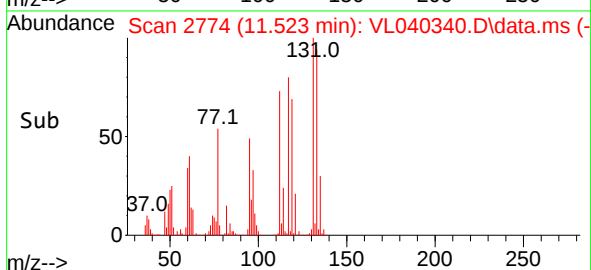
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

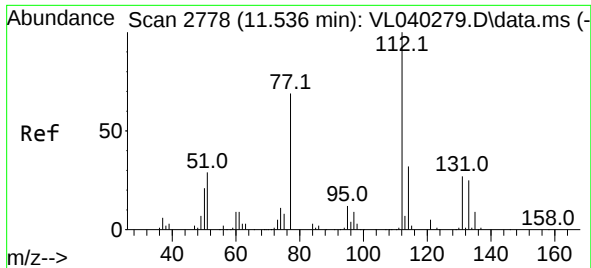


#56
1,1,1,2-Tetrachloroethane
Concen: 9.776 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.007 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17



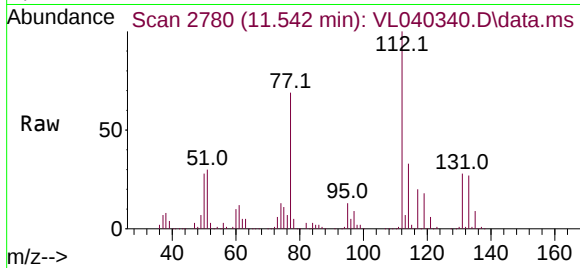
Tgt Ion:131 Resp: 1081082
Ion Ratio Lower Upper
131 100
133 94.9 76.5 114.7
119 68.1 47.9 71.9





#57
Chlorobenzene
Concen: 9.810 ppbv
RT: 11.542 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

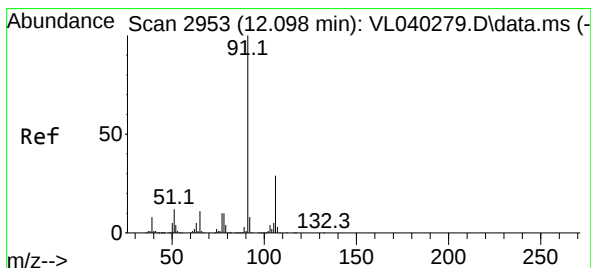
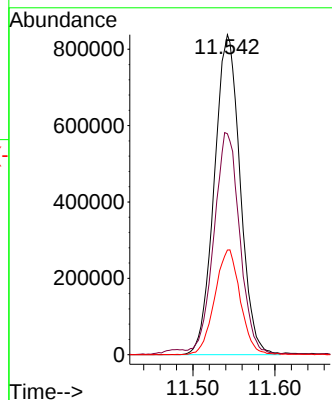
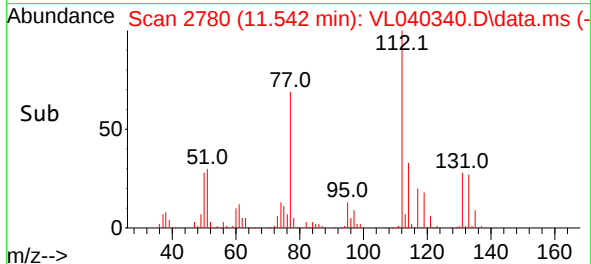
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02



Tgt Ion: 112 Resp: 183451
Ion Ratio Lower Upper
112 100
77 68.6 56.2 84.2
114 32.7 29.0 35.4

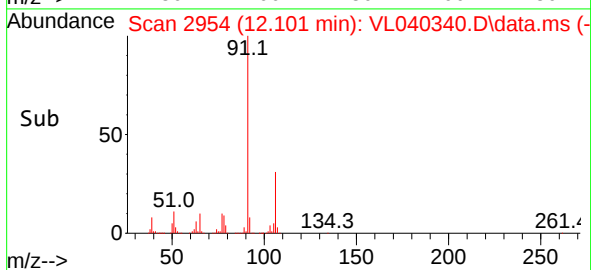
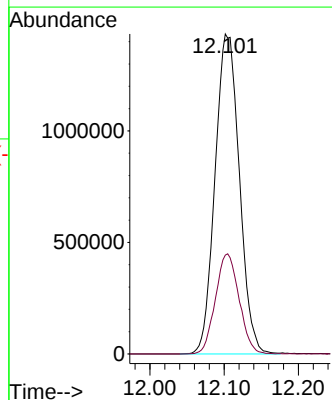
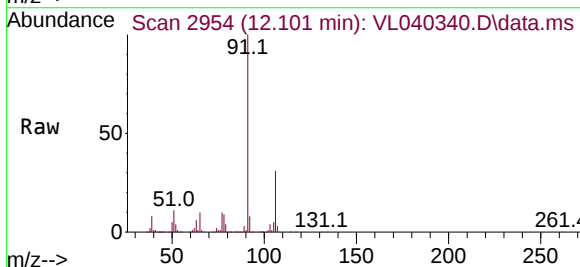
Manual Integrations
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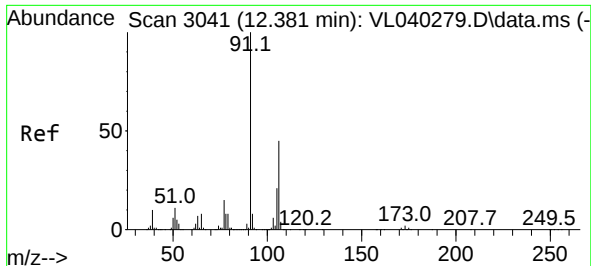
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#58
Ethyl Benzene
Concen: 10.913 ppbv
RT: 12.101 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

Tgt Ion: 91 Resp: 3266570
Ion Ratio Lower Upper
91 100
106 30.9 23.4 35.2





#59

m/p-Xylene

Concen: 20.546 ppbv m

RT: 12.391 min Scan# 3041

Delta R.T. 0.010 min

Lab File: VL040340.D

Acq: 12 Apr 2023 15:17

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS02

Tgt Ion: 91 Resp: 563388

Ion Ratio Lower Upper

91 100

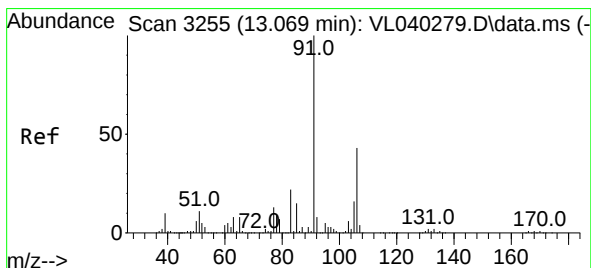
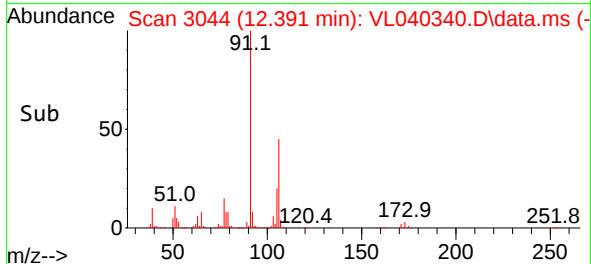
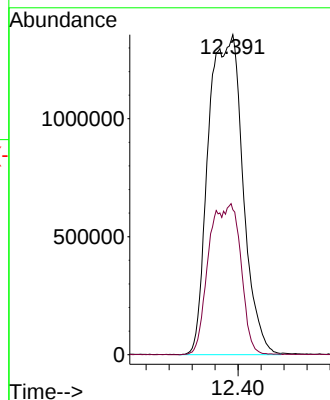
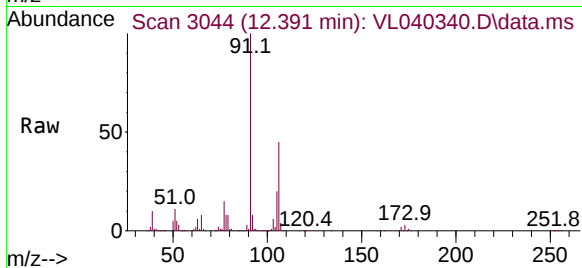
106 43.9 34.0 51.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#60

o-Xylene

Concen: 10.219 ppbv

RT: 13.072 min Scan# 3256

Delta R.T. 0.003 min

Lab File: VL040340.D

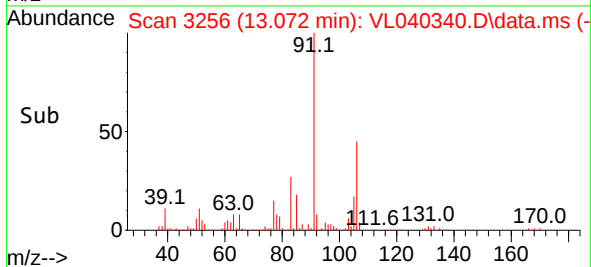
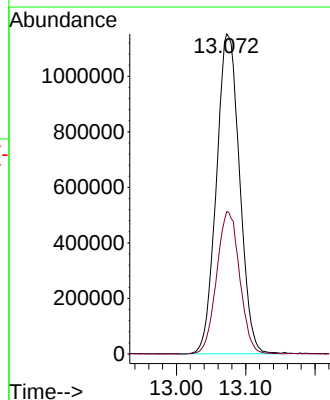
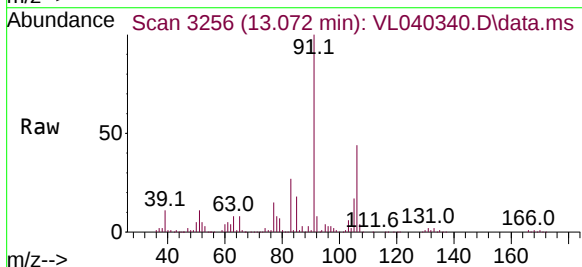
Acq: 12 Apr 2023 15:17

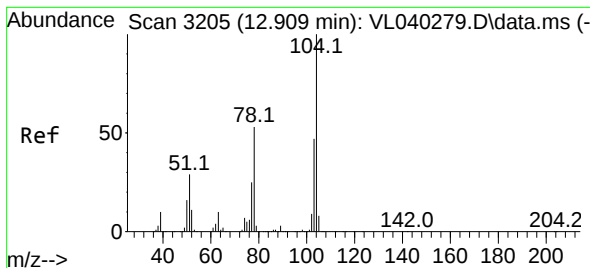
Tgt Ion: 91 Resp: 2678763

Ion Ratio Lower Upper

91 100

106 44.2 21.7 65.1





#61

Styrene

Concen: 11.695 ppbv

RT: 12.915 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL040340.D

Acq: 12 Apr 2023 15:17

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS02

Tgt Ion:104 Resp: 155568

Ion Ratio Lower Upper

104 100

78 53.0 43.7 65.5

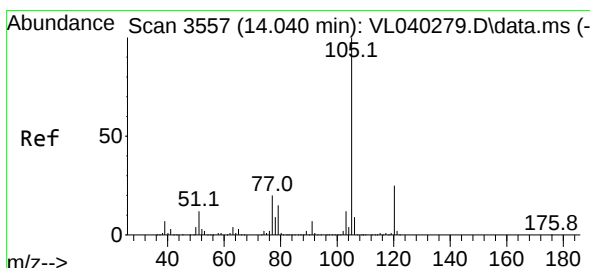
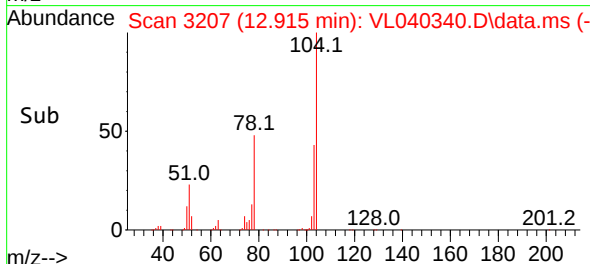
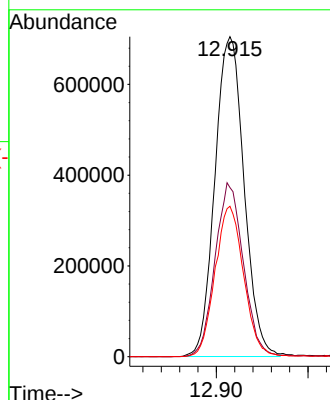
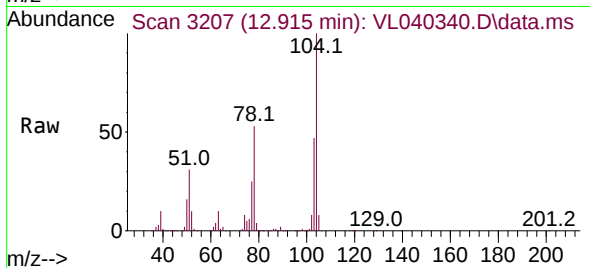
103 46.4 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#62

Isopropylbenzene

Concen: 10.074 ppbv

RT: 14.047 min Scan# 3559

Delta R.T. 0.007 min

Lab File: VL040340.D

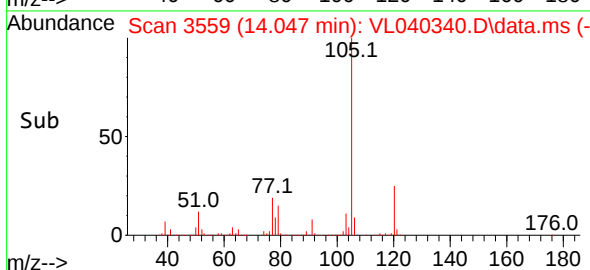
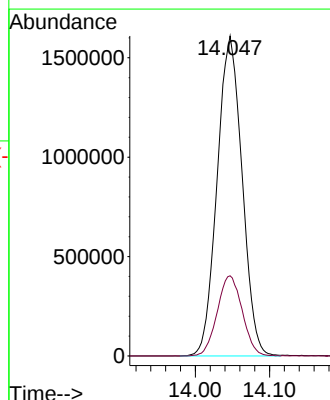
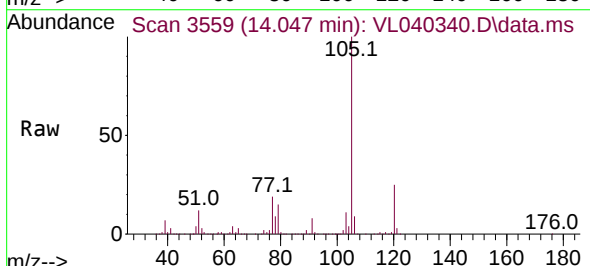
Acq: 12 Apr 2023 15:17

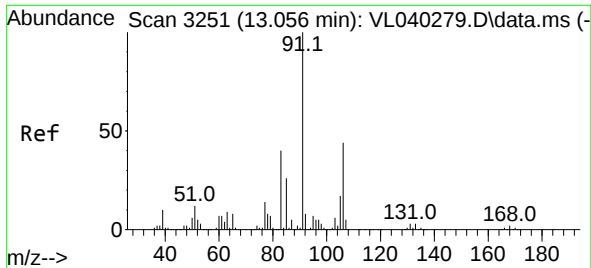
Tgt Ion:105 Resp: 3760729

Ion Ratio Lower Upper

105 100

120 25.2 19.9 29.9





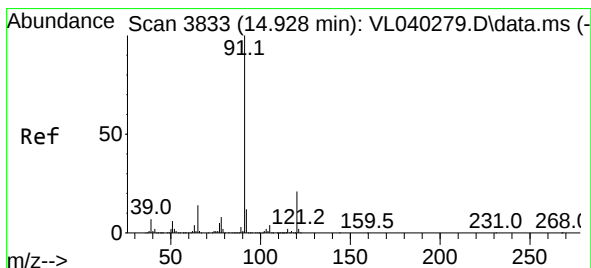
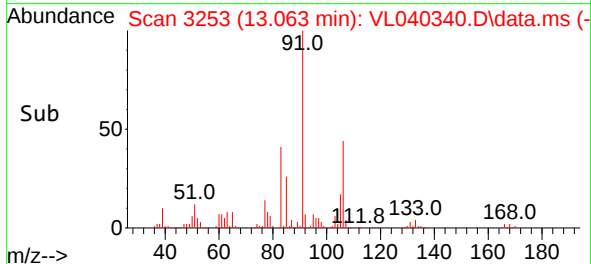
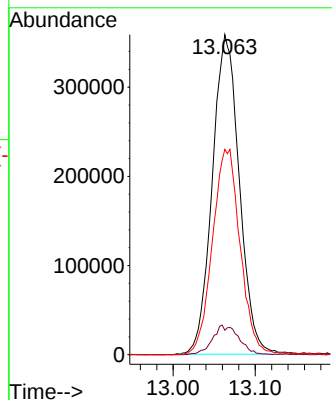
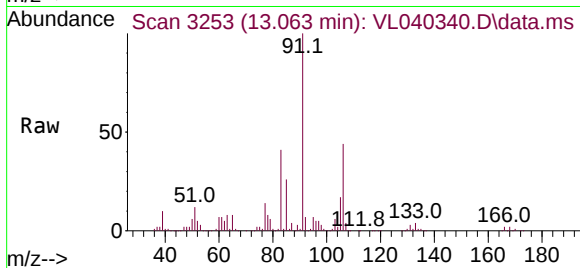
#63
1,1,2,2-Tetrachloroethane
Concen: 8.901 ppbv
RT: 13.063 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02

Tgt Ion: 83 Resp: 82101
Ion Ratio Lower Upper
83 100
131 9.0 4.3 12.9
85 66.5 32.7 98.1

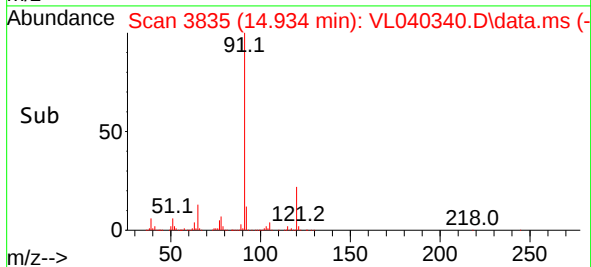
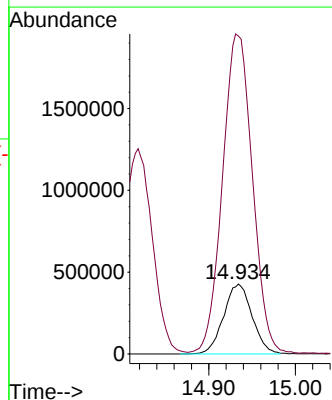
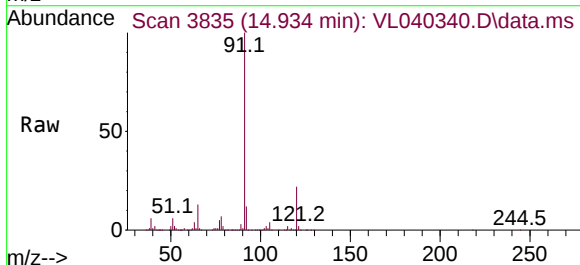
Manual Integrations
APPROVED

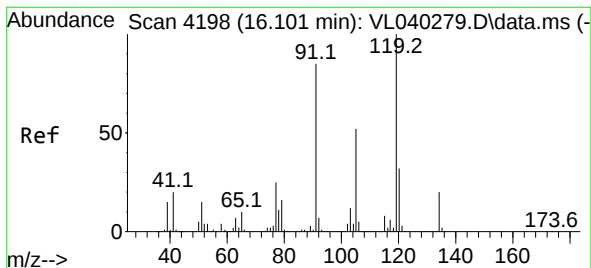
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#64
n-propylbenzene
Concen: 10.660 ppbv
RT: 14.934 min Scan# 3835
Delta R.T. 0.006 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

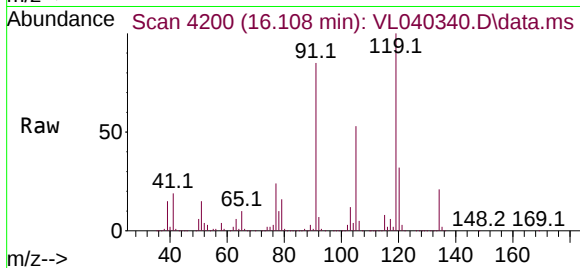
Tgt Ion:120 Resp: 973802
Ion Ratio Lower Upper
120 100
91 483.5 399.0 598.6





#65
tert-Butylbenzene
Concen: 10.312 ppbv
RT: 16.108 min Scan# 4198
Delta R.T. 0.007 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

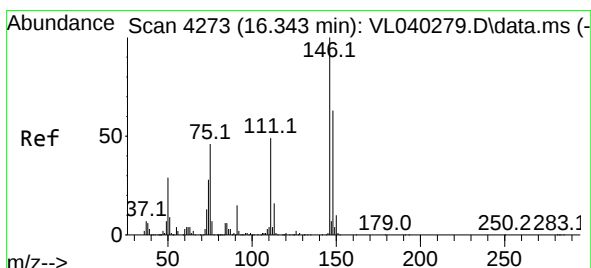
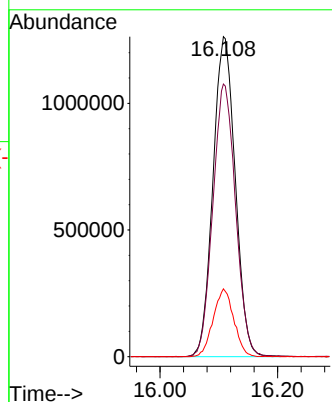
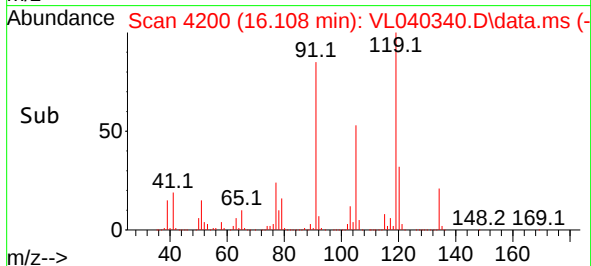
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02



Tgt Ion:119 Resp: 331718
Ion Ratio Lower Upper
119 100
91 87.1 69.4 104.2
134 19.7 15.8 23.6

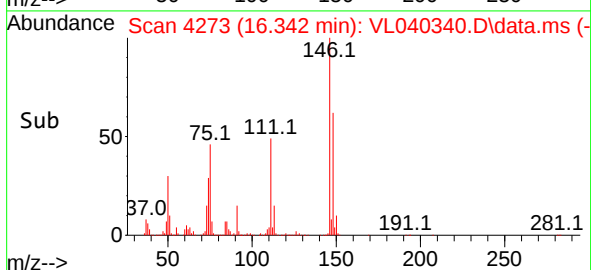
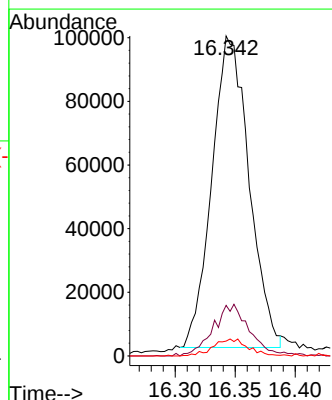
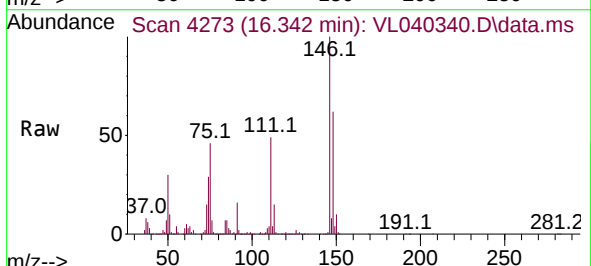
Manual Integrations
APPROVED

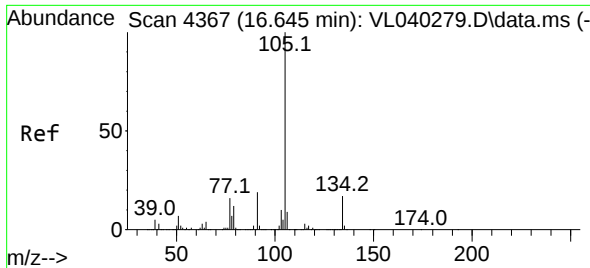
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#66
Benzyl Chloride
Concen: 10.082 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. -0.001 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

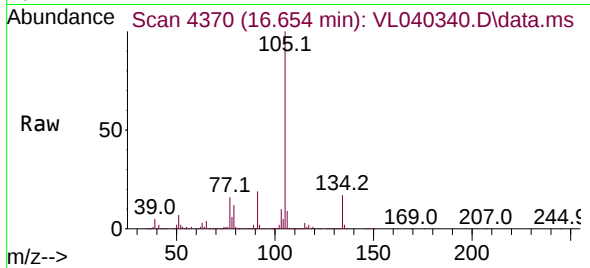
Tgt Ion: 91 Resp: 210774
Ion Ratio Lower Upper
91 100
126 16.5 12.1 18.1
128 5.2 3.8 5.6





#67
 sec-Butylbenzene
 Concen: 10.394 ppbv
 RT: 16.654 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: VL040340.D
 Acq: 12 Apr 2023 15:17

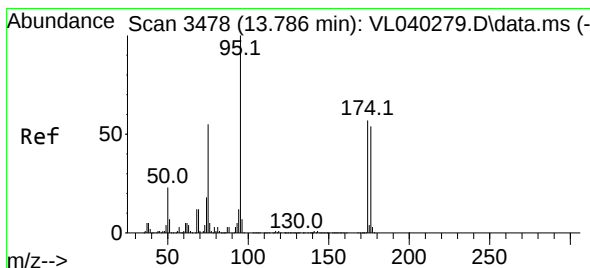
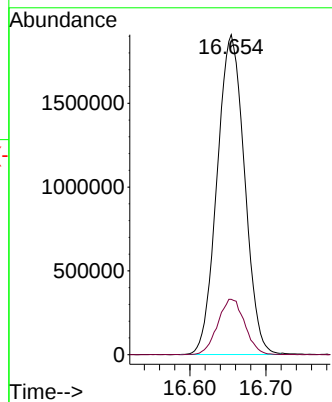
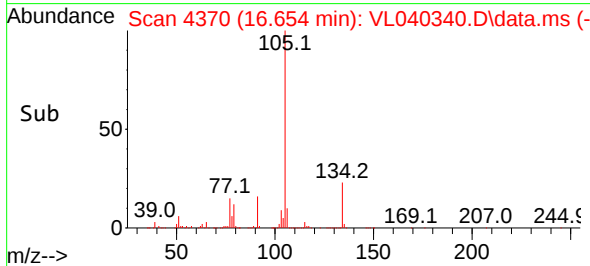
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABS02



Tgt Ion:105 Resp: 478192
 Ion Ratio Lower Upper
 105 100
 134 17.1 14.0 21.0

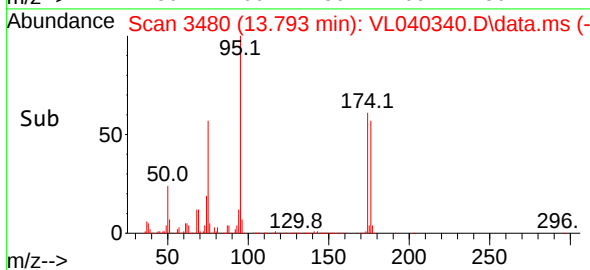
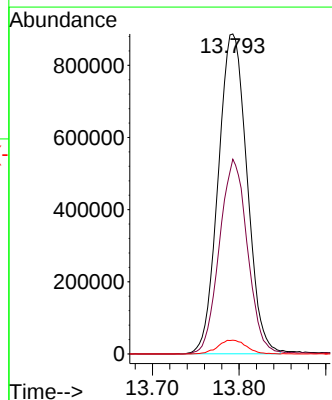
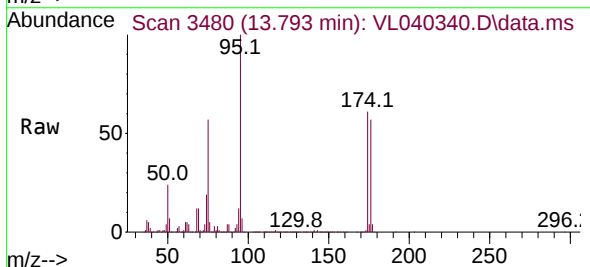
Manual Integrations
 APPROVED

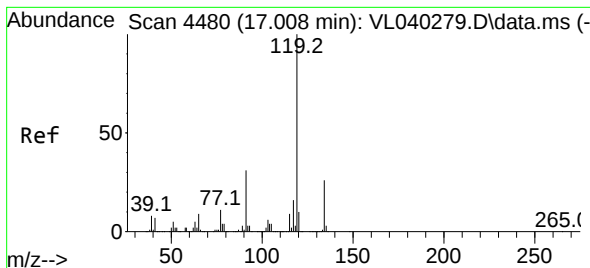
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.292 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. 0.007 min
 Lab File: VL040340.D
 Acq: 12 Apr 2023 15:17

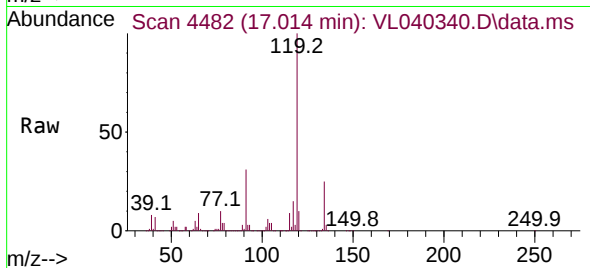
Tgt Ion: 95 Resp: 2045551
 Ion Ratio Lower Upper
 95 100
 174 60.0 47.0 70.6
 175 4.3 3.4 5.2





#69
p-Isopropyltoluene
Concen: 10.810 ppbv
RT: 17.014 min Scan# 4480
Delta R.T. 0.006 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

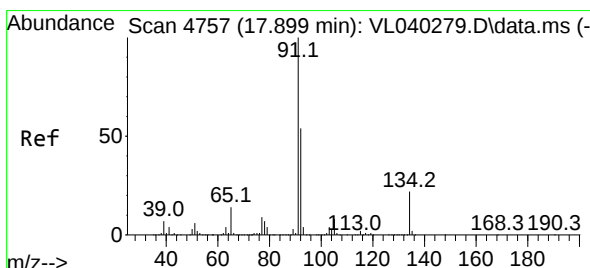
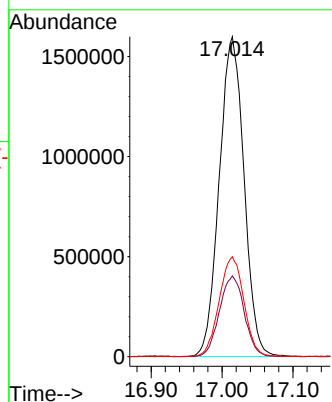
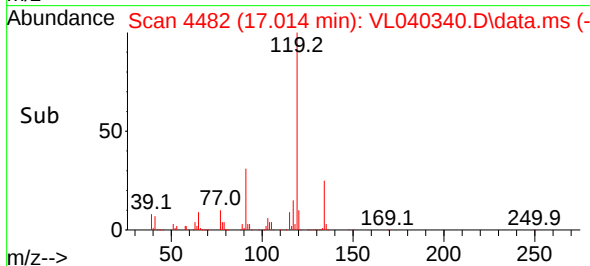
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02



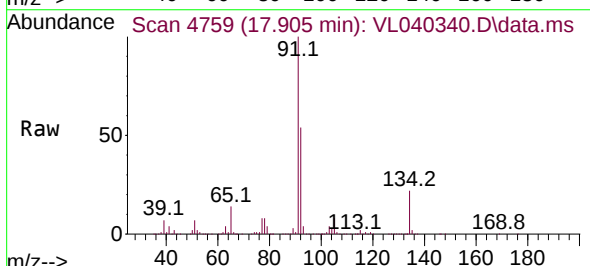
Tgt Ion: 119 Resp: 387289
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.2
91 31.2 25.1 37.7

Manual Integrations
APPROVED

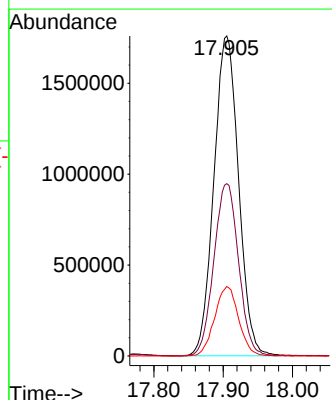
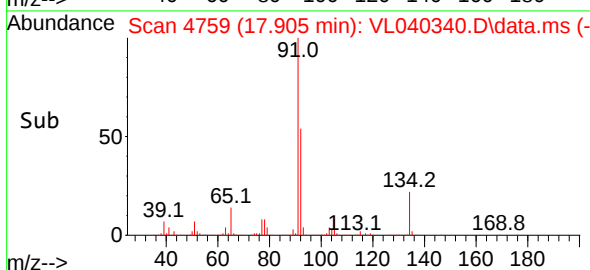
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

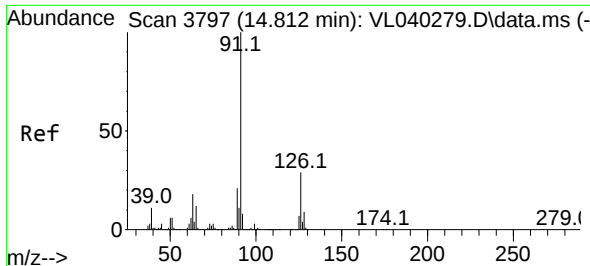


#70
n-Butylbenzene
Concen: 11.030 ppbv
RT: 17.905 min Scan# 4759
Delta R.T. 0.006 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17



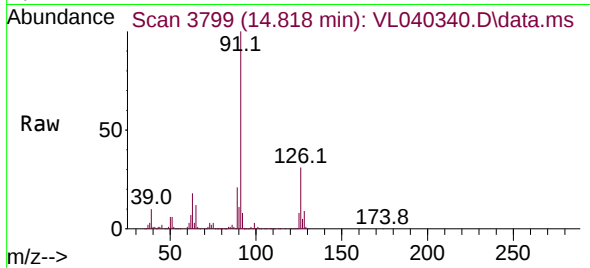
Tgt Ion: 91 Resp: 4353848
Ion Ratio Lower Upper
91 100
92 54.0 42.9 64.3
134 21.2 16.8 25.2





#71
2-Chlorotoluene
Concen: 10.303 ppbv
RT: 14.818 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

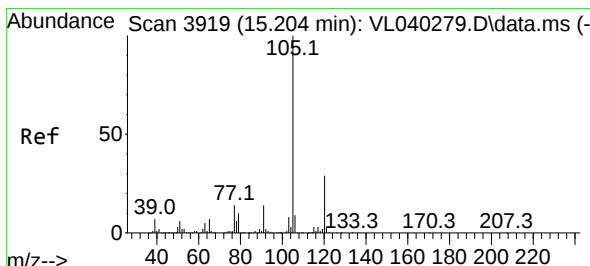
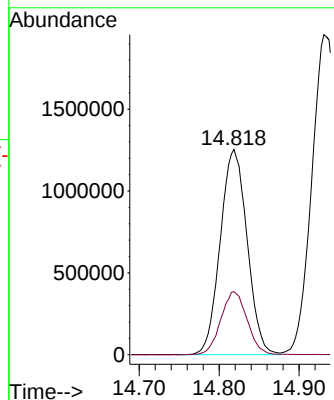
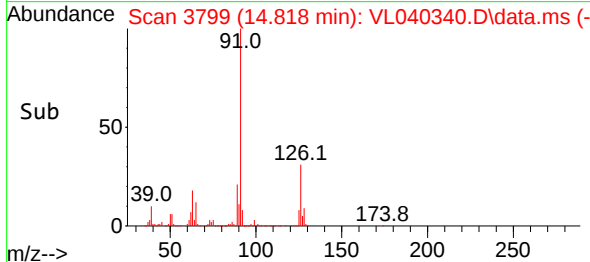
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02



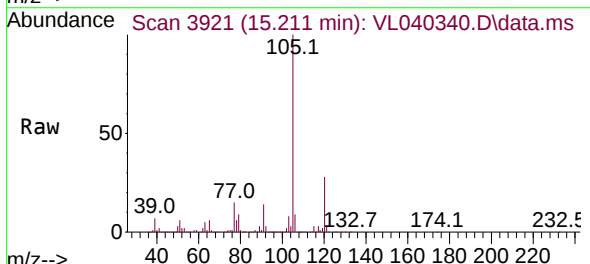
Tgt Ion: 91 Resp: 2927150
Ion Ratio Lower Upper
91 100
126 30.1 11.8 47.4

Manual Integrations
APPROVED

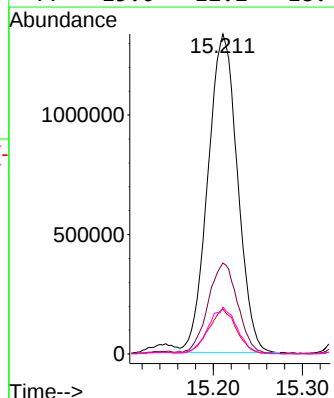
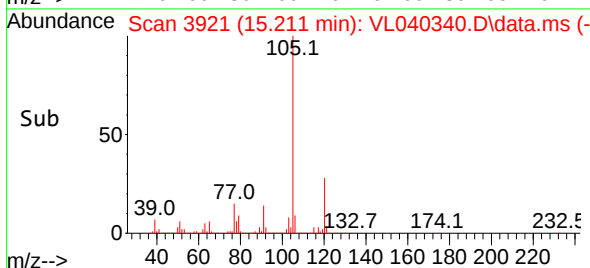
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

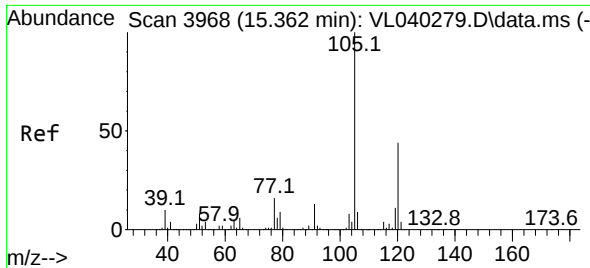


#72
4-Ethyltoluene
Concen: 10.728 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.007 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17



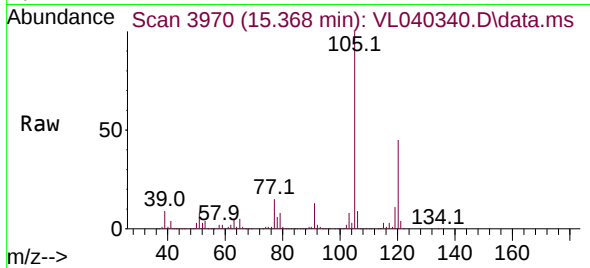
Tgt Ion:105 Resp: 3074774
Ion Ratio Lower Upper
105 100
120 29.6 23.7 35.5
91 13.2 11.6 17.4
77 15.0 12.2 18.4





#73
1,3,5-Trimethylbenzene
Concen: 10.694 ppbv
RT: 15.368 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

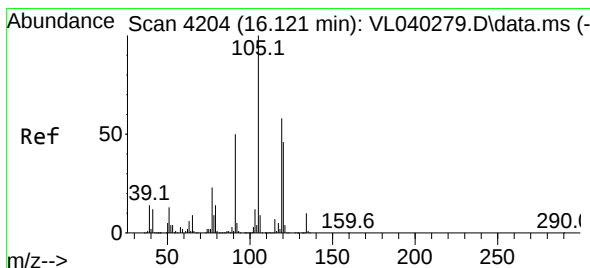
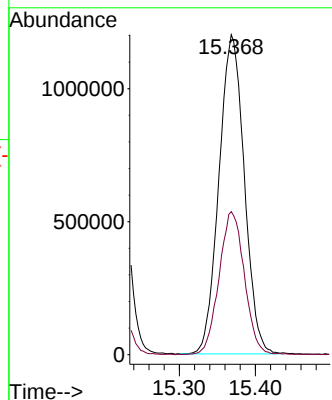
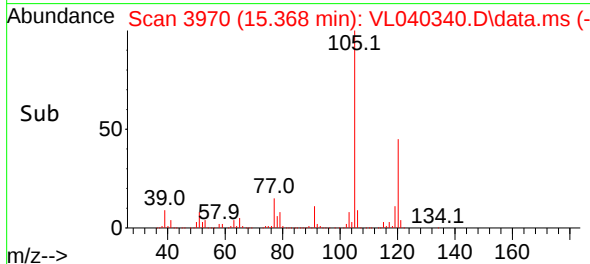
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02



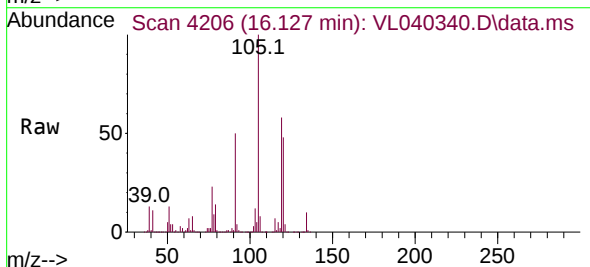
Tgt Ion:105 Resp: 2776270
Ion Ratio Lower Upper
105 100
120 44.7 34.9 52.3

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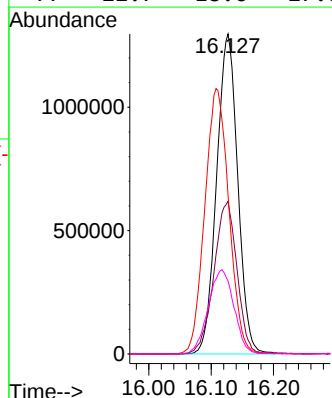
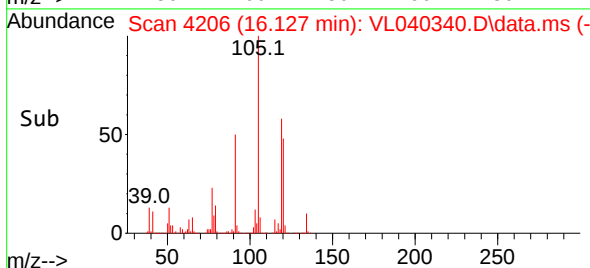
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

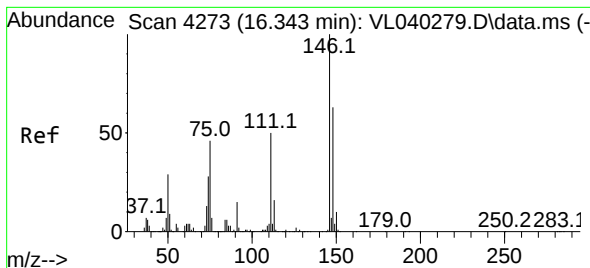


#74
1,2,4-Trimethylbenzene
Concen: 10.292 ppbv
RT: 16.127 min Scan# 4206
Delta R.T. 0.006 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17



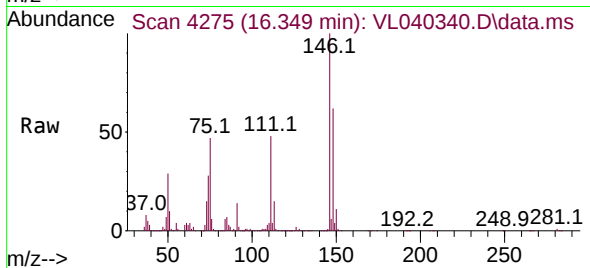
Tgt Ion:105 Resp: 3046808
Ion Ratio Lower Upper
105 100
120 47.7 36.6 54.8
91 49.4 39.9 59.9
77 22.7 18.6 27.8





#75
1,3-Dichlorobenzene
Concen: 10.461 ppbv
RT: 16.349 min Scan# 4319
Delta R.T. 0.006 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

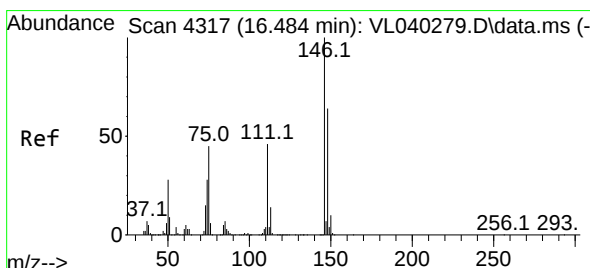
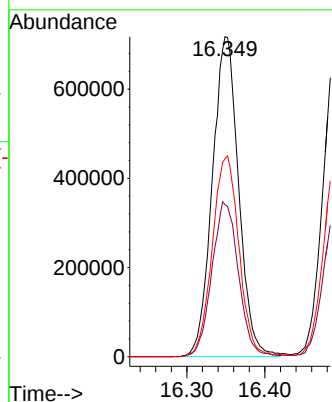
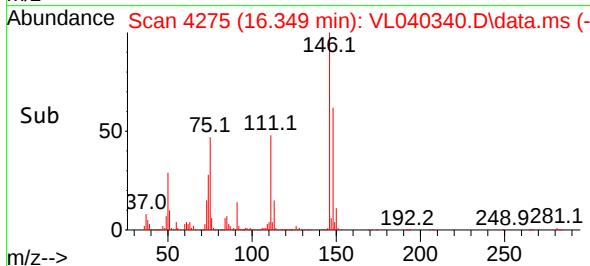
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02



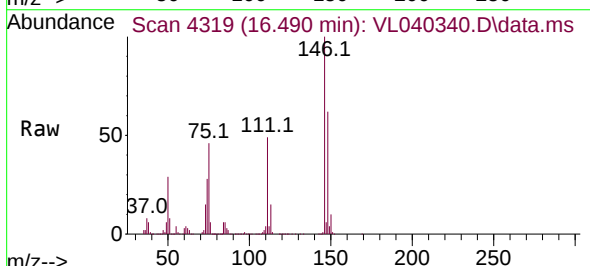
Tgt Ion:146 Resp: 1677330
Ion Ratio Lower Upper
146 100
111 49.0 24.3 73.0
148 64.0 31.9 95.5

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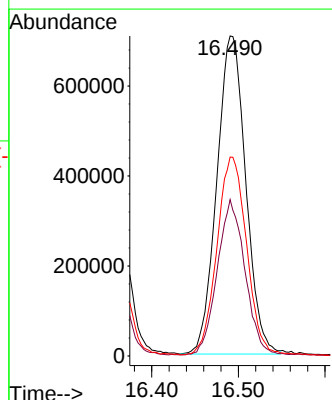
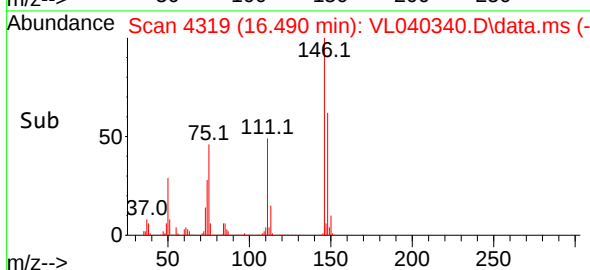
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

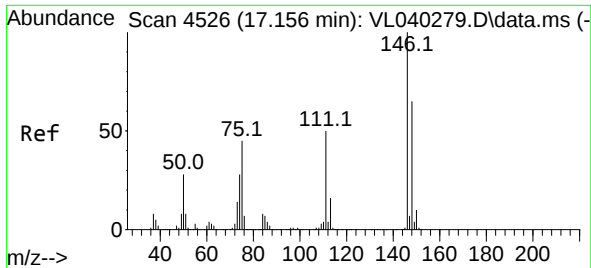


#76
1,4-Dichlorobenzene
Concen: 10.747 ppbv
RT: 16.490 min Scan# 4319
Delta R.T. 0.006 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17



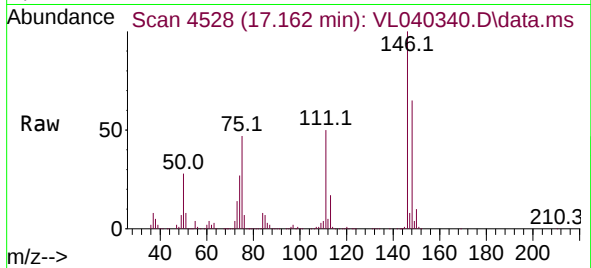
Tgt Ion:146 Resp: 1643512
Ion Ratio Lower Upper
146 100
111 47.7 23.8 71.2
148 65.0 32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 10.662 ppbv
RT: 17.162 min Scan# 4526
Delta R.T. 0.006 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

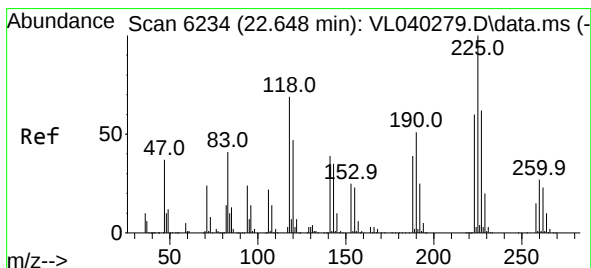
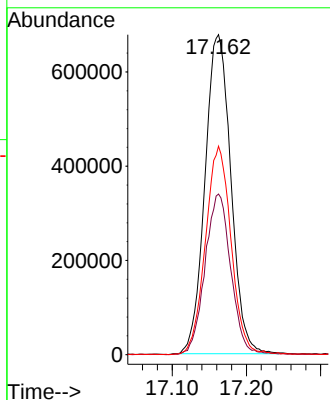
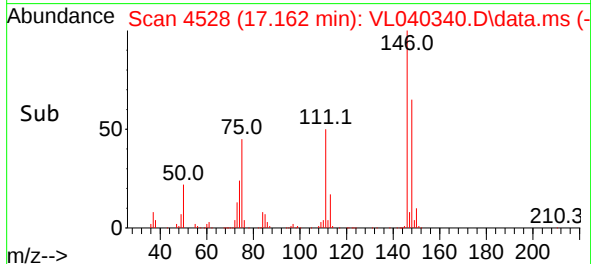
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02



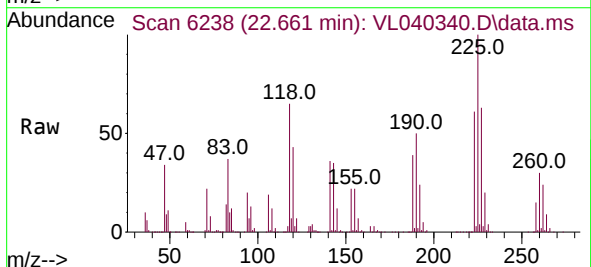
Tgt Ion:146 Resp: 1643210
Ion Ratio Lower Upper
146 100
111 50.0 25.2 75.6
148 65.0 32.1 96.3

Manual Integrations
APPROVED

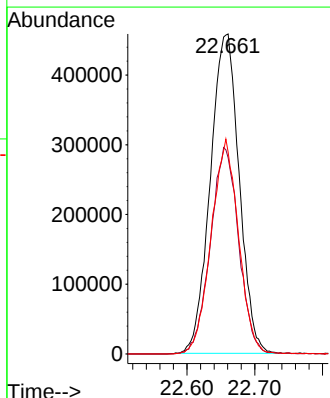
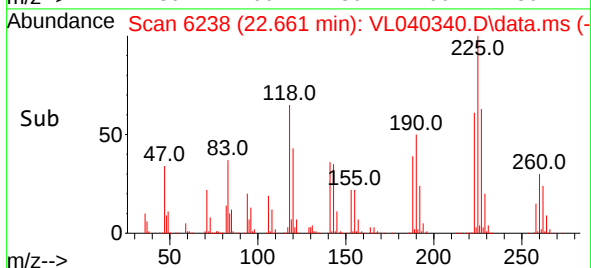
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

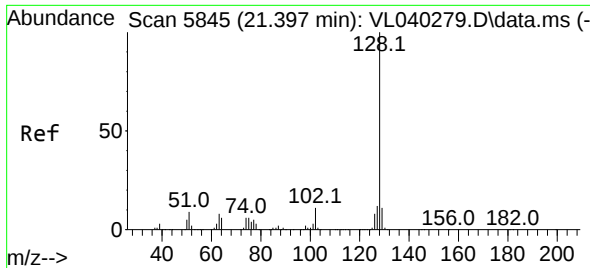


#78
Hexachloro-1,3-Butadiene
Concen: 11.990 ppbv
RT: 22.661 min Scan# 6238
Delta R.T. 0.013 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17



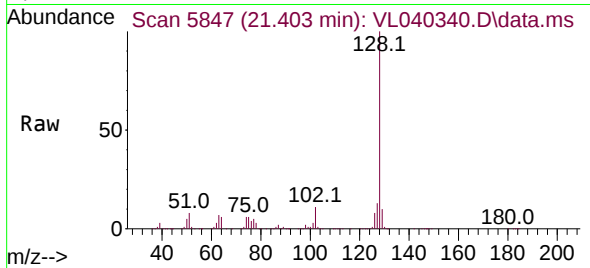
Tgt Ion:225 Resp: 1355216
Ion Ratio Lower Upper
225 100
223 63.5 51.0 76.6
227 64.1 51.4 77.2





#79
Naphthalene
Concen: 17.167 ppbv
RT: 21.403 min Scan# 5847
Delta R.T. 0.006 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

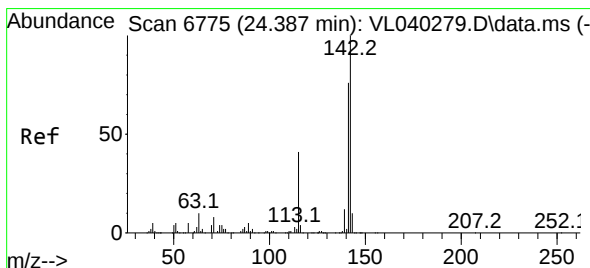
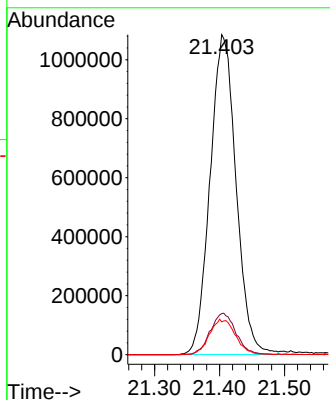
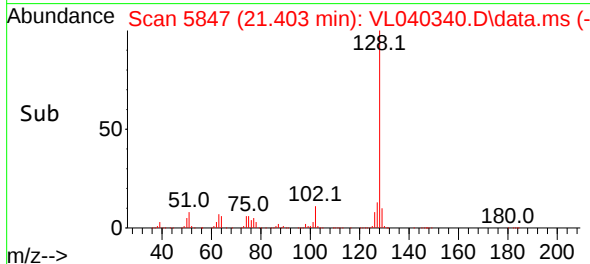
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS02



Tgt Ion:128 Resp: 300657
Ion Ratio Lower Upper
128 100
127 12.8 9.6 14.4
129 10.3 8.6 13.0

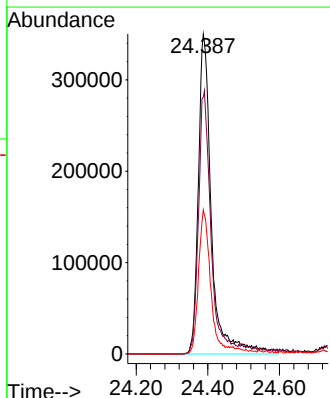
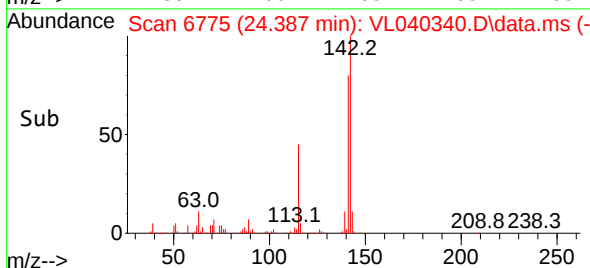
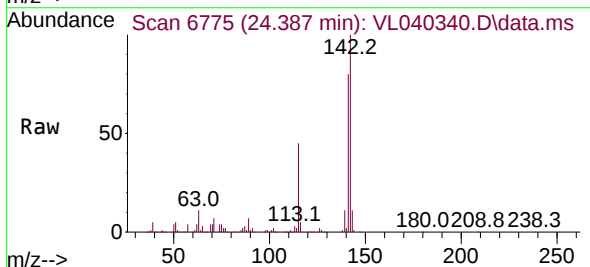
Manual Integrations
APPROVED

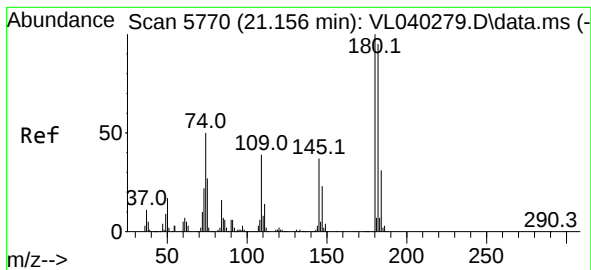
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#80
Naphthalene,2-methyl-
Concen: 20.069 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.000 min
Lab File: VL040340.D
Acq: 12 Apr 2023 15:17

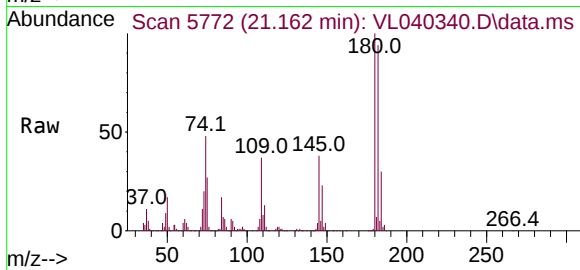
Tgt Ion:142 Resp: 890162
Ion Ratio Lower Upper
142 100
141 80.1 65.5 98.3
115 43.5 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 14.183 ppbv
 RT: 21.162 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VL040340.D
 Acq: 12 Apr 2023 15:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABS02



Tgt Ion:180 Resp: 1529929

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.1	114.1
184	31.5	24.4	36.6

Manual Integrations
 APPROVED

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

