

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073123\
 Data File : VL040571.D
 Acq On : 31 Jul 2023 14:00
 Operator : SY/MD
 Sample : VL0731ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0731ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/01/2023
 Supervised By : Mahesh Dadoda 08/01/2023

Quant Time: Aug 01 01:38:24 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 01 2023

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1148874	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.648	114	2814266	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.468	117	2615016	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 2105539 10.174 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.716	85	1945667	8.467	ppbv	99
3) Chlorodifluoromethane	2.658	51	1777908	9.763	ppbv	96
4) Chloromethane	2.796	50	692925	9.605	ppbv	93
5) Vinyl Chloride	2.906	62	771436	10.184	ppbv	98
6) Bromomethane	3.105	94	327895	10.256	ppbv	97
7) Chloroethane	3.182	64	273174	10.279	ppbv	99
8) Dichlorotetrafluoroethane	2.841	85	1932585	10.222	ppbv	100
9) Propene	2.677	41	558502	8.959	ppbv	99
10) Heptane	7.578	43	1393745	10.125	ppbv	100
11) Trichlorofluoromethane	3.549	101	2067470	11.150	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.054	101	1463484	11.207	ppbv	94
13) Ethanol	3.224	45	142020	10.470	ppbv	98
14) Bromoethene	3.353	108	622334	11.083	ppbv	98
15) Acetone	3.452	43	1312941	9.928	ppbv	98
16) 1,3-Butadiene	2.970	39	697930	10.461	ppbv	98
17) tert-Butyl alcohol	3.864	59	1599632	11.695	ppbv	99
18) 1,1-Dichloroethene	3.867	96	672013	11.193	ppbv	99
19) Isopropyl Alcohol	3.558	45	908515	11.967	ppbv #	96
20) Methylene Chloride	3.922	84	594014	10.560	ppbv	97
21) Allyl Chloride	3.983	41	792597	10.495	ppbv	96
22) trans-1,2-Dichloroethene	4.433	96	669770	11.307	ppbv	94
23) Vinyl Acetate	4.616	43	1378483	10.941	ppbv	99
24) 1,1-Dichloroethane	4.552	63	1362764	10.657	ppbv	99
25) Ethyl Acetate	5.195	43	2536873	10.076	ppbv	99
26) Hexane	5.205	57	1135185	9.706	ppbv	97
27) Carbon Disulfide	4.111	76	1660176	12.067	ppbv	99
28) Methyl tert-Butyl Ether	4.574	73	961647	10.213	ppbv	100
29) Chloroform	5.266	83	1955791	10.081	ppbv	98
30) Cyclohexane	6.597	84	950596	9.767	ppbv	96
31) cis-1,2-Dichloroethene	5.070	61	1172982	10.146	ppbv	95
32) 1,1,1-Trichloroethane	5.996	97	2012665	10.603	ppbv	99
34) 2-Butanone	4.777	43	1518844	10.922	ppbv	98
35) Carbon Tetrachloride	6.488	117	2044247	12.070	ppbv	97
36) Benzene	6.362	78	2349176	10.374	ppbv	98
37) 1,2-Dichloroethane	5.800	62	1495449	11.226	ppbv	97
38) Trichloroethene	7.285	130	950574	11.098	ppbv	96
39) 1,2-Dichloropropane	7.066	63	916009	10.508	ppbv	95
40) 1,4-Dioxane	7.282	88	336172	12.330	ppbv #	33
41) Tetrahydrofuran	5.545	42	861861	10.621	ppbv	98
42) Bromodichloromethane	7.246	83	2162844	11.674	ppbv	99
43) Methyl Methacrylate	7.471	69	961478	11.344	ppbv	97
44) 2,2,4-Trimethylpentane	7.320	57	3887999	10.672	ppbv	97
45) t-1,3-Dichloropropene	8.706	75	633434	11.650	ppbv	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

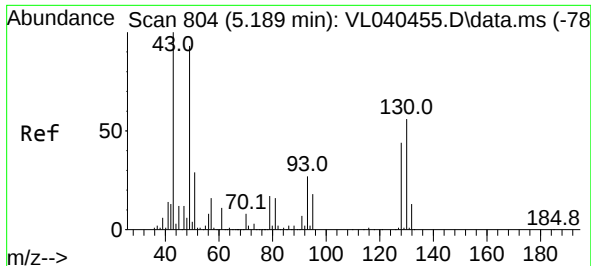
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

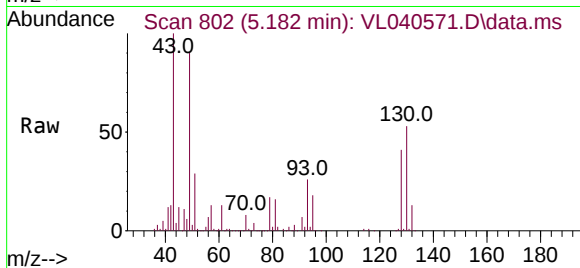
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	768184	11.012	ppbv	94
47) 1,1,2-Trichloroethane	8.896	97	1003828	10.437	ppbv	98
48) Dibromochloromethane	9.709	129	1734861	11.667	ppbv	99
49) Bromoform	12.410	173	1404985	11.918	ppbv	100
50) 4-Methyl-2-Pentanone	8.176	43	2291483	11.341	ppbv	97
51) 2-Hexanone	9.549	43	1628160	11.395	ppbv #	97
52) Tetrachloroethene	10.613	164	813783m	11.097	ppbv	
53) Toluene	9.217	91	2659930	10.814	ppbv	99
54) 1,2-Dibromoethane	10.005	107	1307661	10.939	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.507	131	1295219	11.060	ppbv	98
57) Chlorobenzene	11.526	112	2089940	10.248	ppbv	95
58) Ethyl Benzene	12.089	91	3680820	11.216	ppbv	98
59) m/p-Xylene	12.375	91	6510115m	22.226	ppbv	
60) o-Xylene	13.056	91	3125668	11.202	ppbv	99
61) Styrene	12.899	104	1535018	11.926	ppbv	97
62) Isopropylbenzene	14.031	105	4521204	10.811	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.047	83	2197949	11.248	ppbv	100
64) n-propylbenzene	14.918	120	1174426	10.854	ppbv	94
65) tert-Butylbenzene	16.095	119	3985138	10.764	ppbv	96
66) Benzyl Chloride	16.330	91	346644	13.235	ppbv	96
67) sec-Butylbenzene	16.638	105	5788639	10.641	ppbv	99
69) p-Isopropyltoluene	16.998	119	4703127	10.462	ppbv	98
70) n-Butylbenzene	17.889	91	5254176	10.481	ppbv	99
71) 2-Chlorotoluene	14.799	91	3583105	11.117	ppbv	98
72) 4-Ethyltoluene	15.195	105	3656515	11.179	ppbv	98
73) 1,3,5-Trimethylbenzene	15.352	105	3171378	11.000	ppbv	97
74) 1,2,4-Trimethylbenzene	16.111	105	3613903	10.751	ppbv	93
75) 1,3-Dichlorobenzene	16.333	146	2086051	10.236	ppbv	99
76) 1,4-Dichlorobenzene	16.478	146	2017143	10.094	ppbv	98
77) 1,2-Dichlorobenzene	17.143	146	1978268	10.152	ppbv	99
78) Hexachloro-1,3-Butadiene	22.632	225	1442424m	7.882	ppbv	
79) Naphthalene	21.384	128	3008964	10.580	ppbv	97
80) Naphthalene,2-methyl-	24.374	142	986699	8.414	ppbv	96
81) 1,2,4-Trichlorobenzene	21.143	180	1744758	8.902	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 804
Delta R.T. -0.020 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

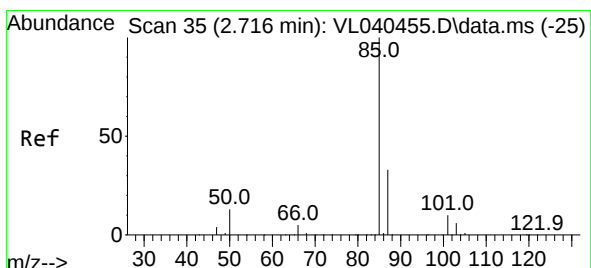
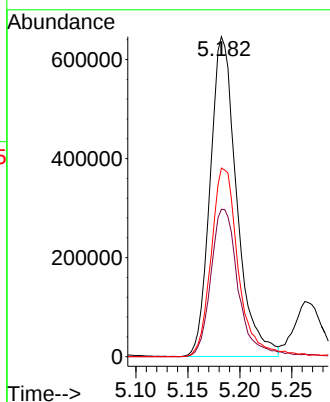
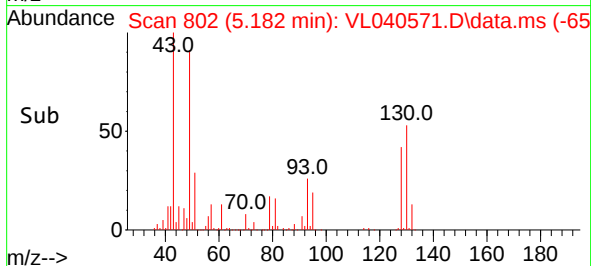
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



Tgt Ion: 49 Resp: 1148874
Ion Ratio Lower Upper
49 100
128 48.3 25.1 75.4
130 61.2 31.6 94.7

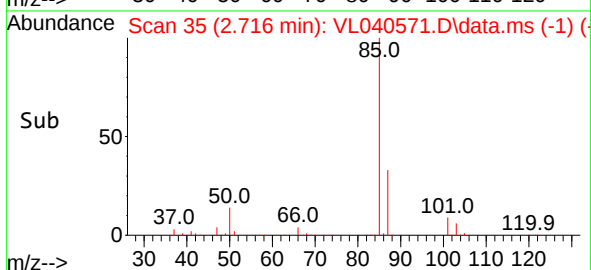
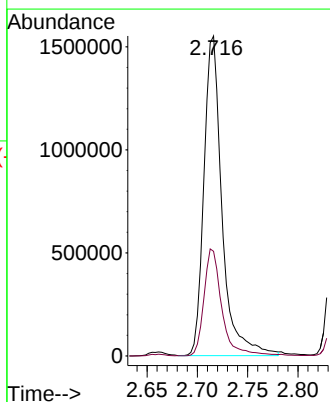
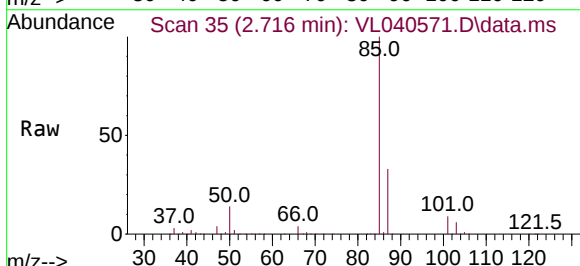
Manual Integrations
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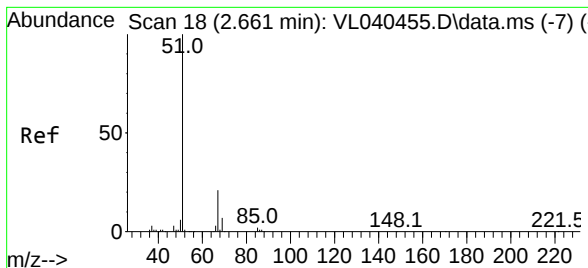
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#2
Dichlorodifluoromethane
Concen: 8.467 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.023 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Tgt Ion: 85 Resp: 1945667
Ion Ratio Lower Upper
85 100
87 32.7 26.8 40.2





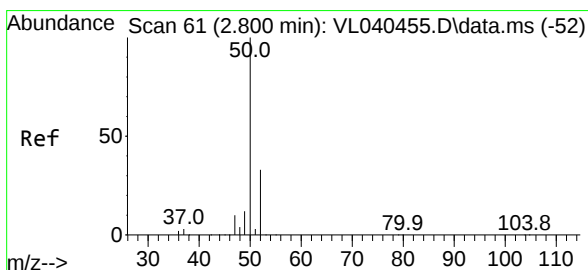
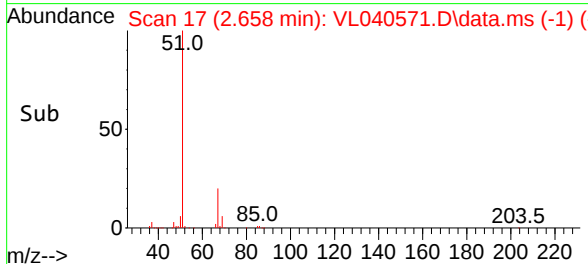
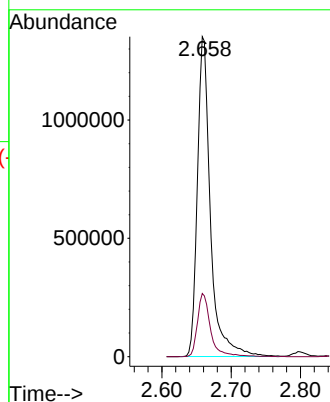
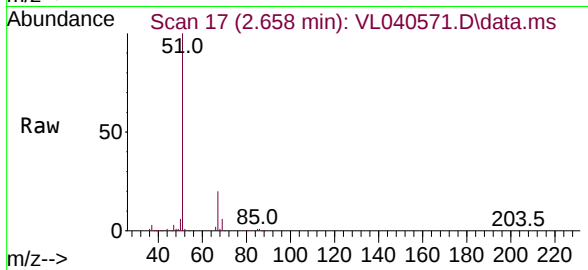
#3
Chlorodifluoromethane
Concen: 9.763 ppbv
RT: 2.658 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01

Tgt Ion: 51 Resp: 1777908
Ion Ratio Lower Upper
51 100
67 20.0 14.6 21.8

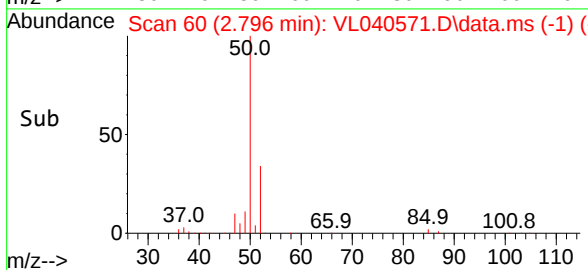
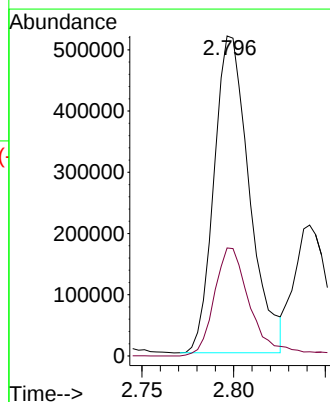
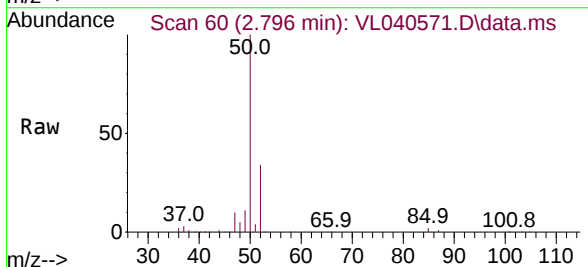
Manual Integrations
APPROVED

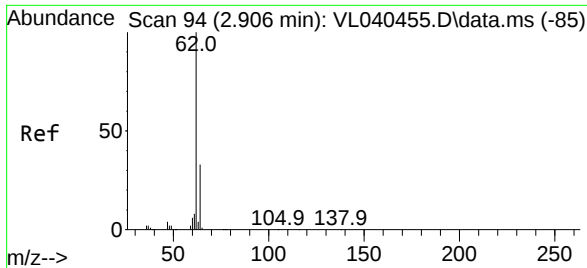
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#4
Chloromethane
Concen: 9.605 ppbv
RT: 2.796 min Scan# 60
Delta R.T. -0.026 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

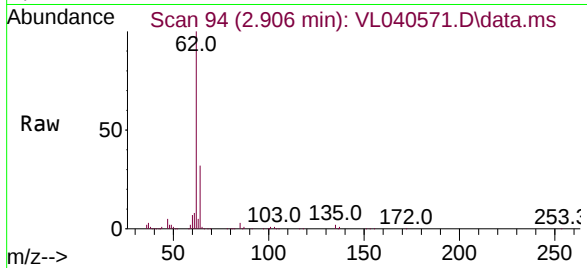
Tgt Ion: 50 Resp: 692925
Ion Ratio Lower Upper
50 100
52 34.1 24.4 36.6





#5
 Vinyl Chloride
 Concen: 10.184 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. -0.023 min
 Lab File: VL040571.D
 Acq: 31 Jul 2023 14:00

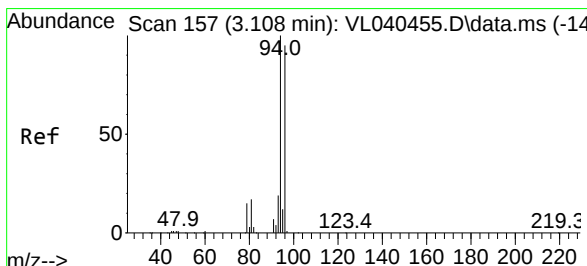
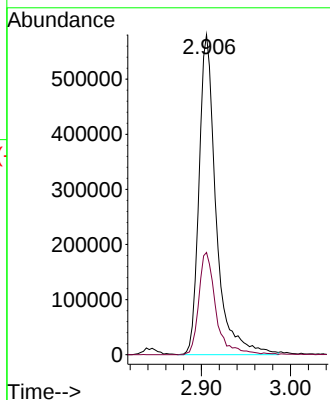
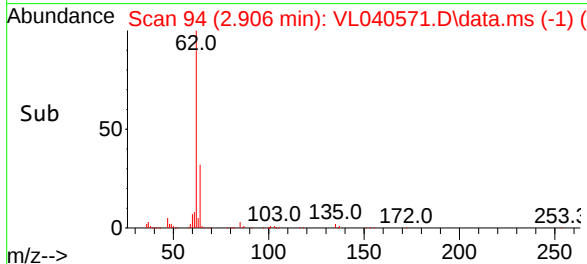
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0731ABS01



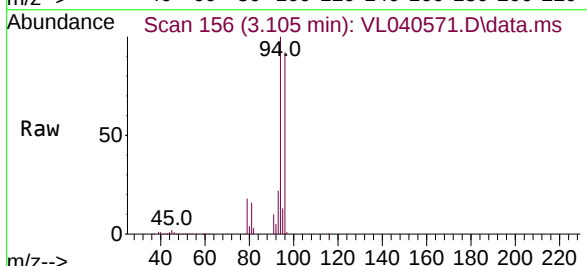
Tgt Ion: 62 Resp: 771436
 Ion Ratio Lower Upper
 62 100
 64 32.0 26.4 39.6

Manual Integrations
 APPROVED

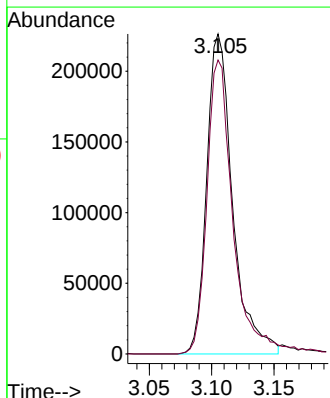
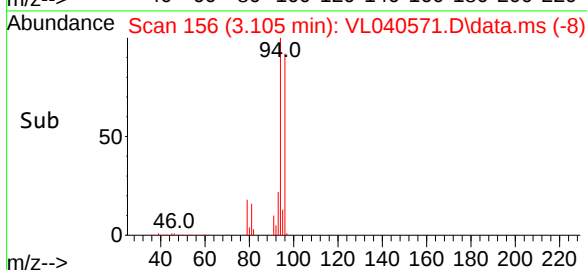
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

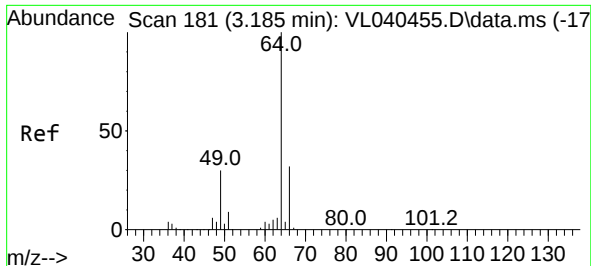


#6
 Bromomethane
 Concen: 10.256 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. -0.023 min
 Lab File: VL040571.D
 Acq: 31 Jul 2023 14:00



Tgt Ion: 94 Resp: 327895
 Ion Ratio Lower Upper
 94 100
 96 91.9 75.7 113.5





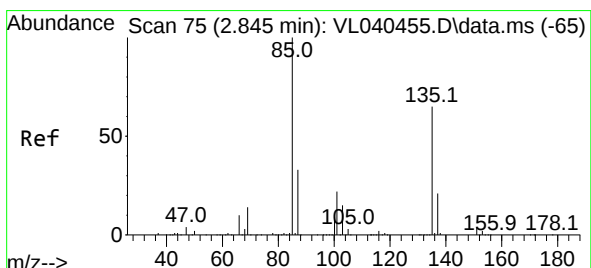
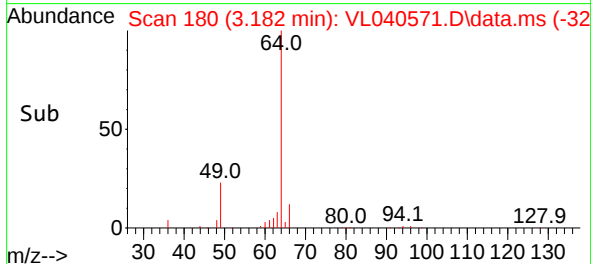
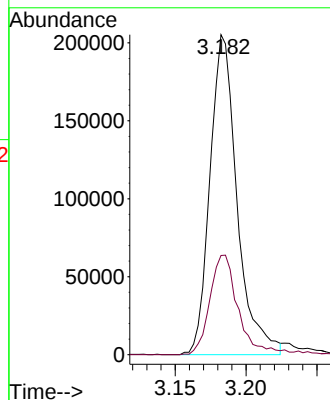
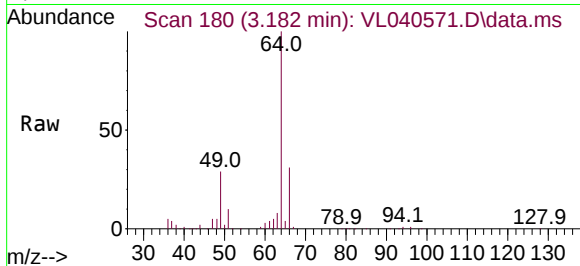
#7
Chloroethane
Concen: 10.279 ppbv
RT: 3.182 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01

Tgt Ion: 64 Resp: 273174
Ion Ratio Lower Upper
64 100
66 31.0 24.4 36.6

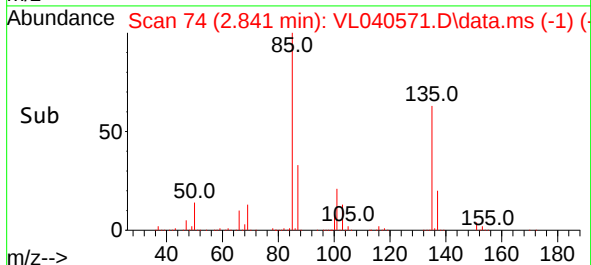
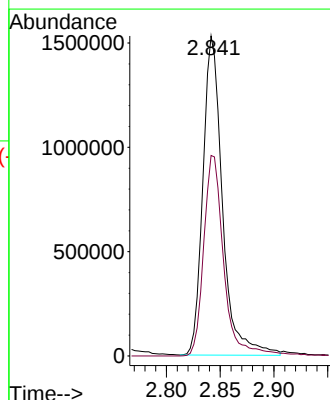
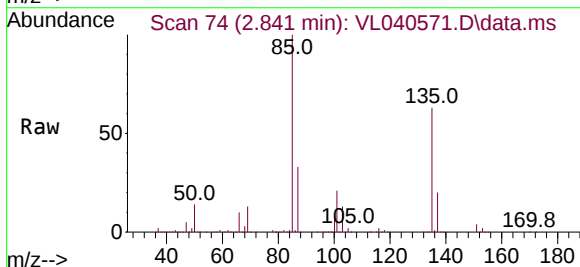
Manual Integrations
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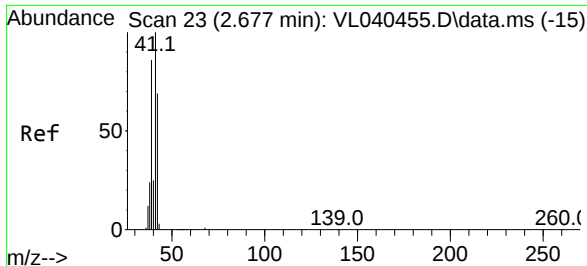
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#8
Dichlorotetrafluoroethane
Concen: 10.222 ppbv
RT: 2.841 min Scan# 74
Delta R.T. -0.026 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

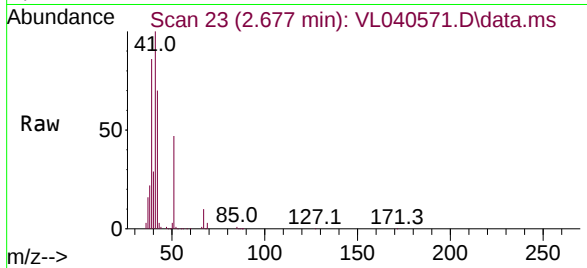
Tgt Ion: 85 Resp: 1932585
Ion Ratio Lower Upper
85 100
135 65.2 52.4 78.6





#9
 Propene
 Concen: 8.959 ppbv
 RT: 2.677 min Scan# 21
 Delta R.T. -0.026 min
 Lab File: VL040571.D
 Acq: 31 Jul 2023 14:00

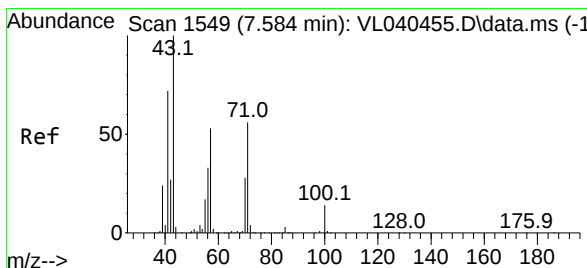
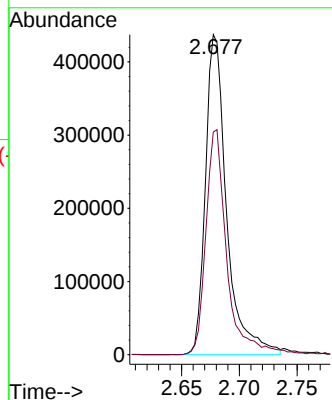
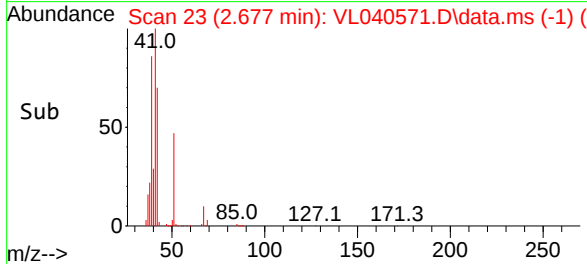
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0731ABS01



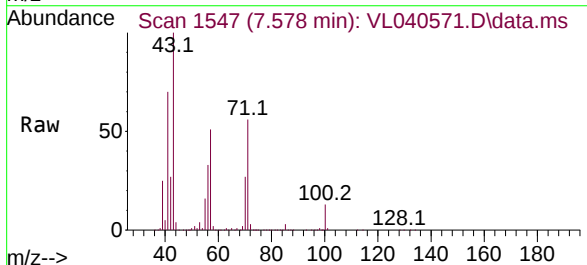
Tgt Ion: 41 Resp: 558502
 Ion Ratio Lower Upper
 41 100
 42 70.0 55.0 82.6

Manual Integrations
 APPROVED

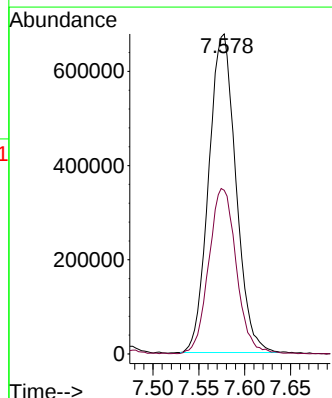
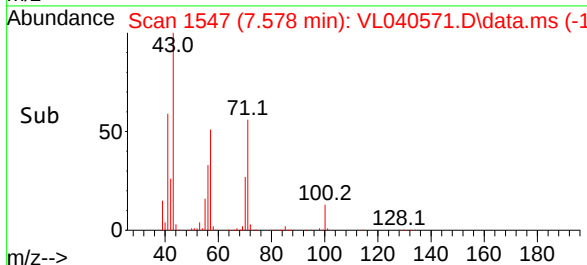
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

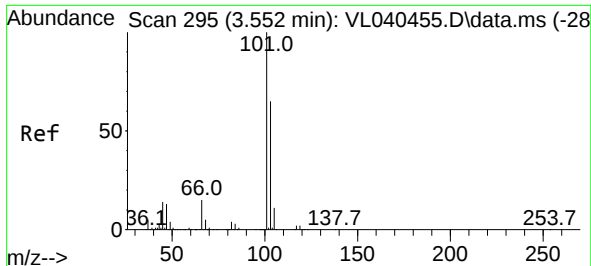


#10
 Heptane
 Concen: 10.125 ppbv
 RT: 7.578 min Scan# 1547
 Delta R.T. -0.013 min
 Lab File: VL040571.D
 Acq: 31 Jul 2023 14:00



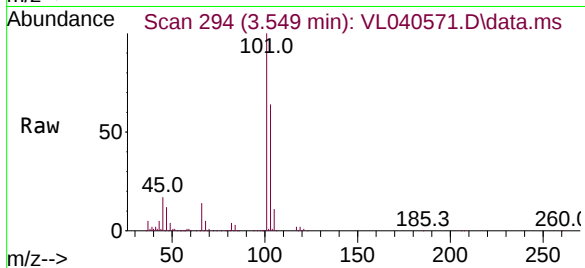
Tgt Ion: 43 Resp: 1393745
 Ion Ratio Lower Upper
 43 100
 57 53.0 42.5 63.7





#11
 Trichlorofluoromethane
 Concen: 11.150 ppbv
 RT: 3.549 min Scan# 295
 Delta R.T. -0.023 min
 Lab File: VL040571.D
 Acq: 31 Jul 2023 14:00

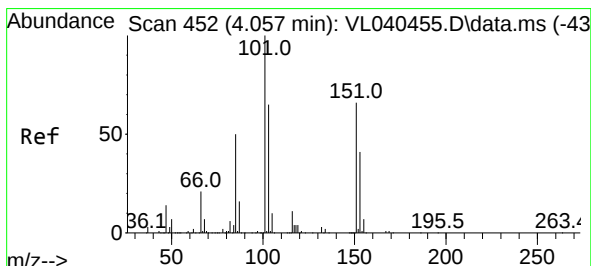
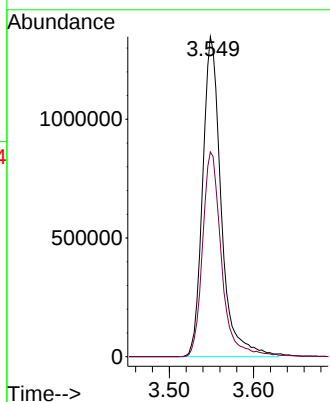
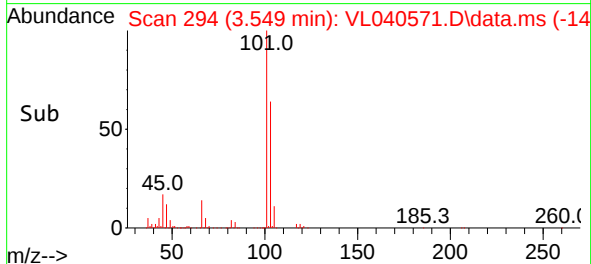
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0731ABS01



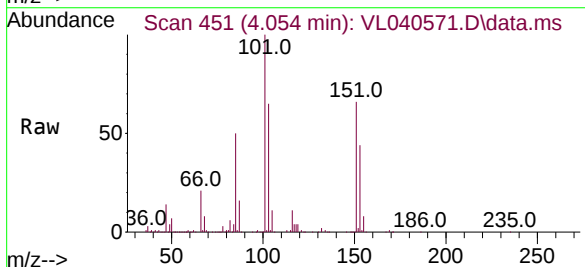
Tgt Ion:101 Resp: 2067470
 Ion Ratio Lower Upper
 101 100
 103 64.0 53.4 80.0

Manual Integrations
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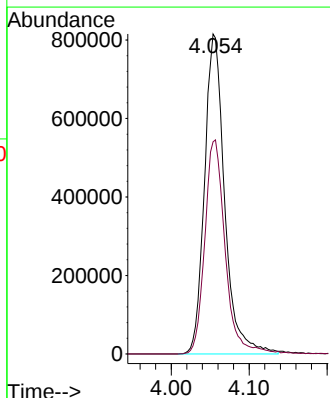
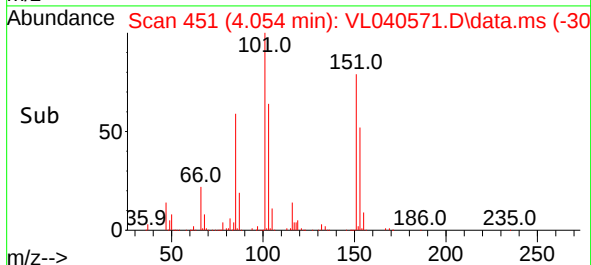
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

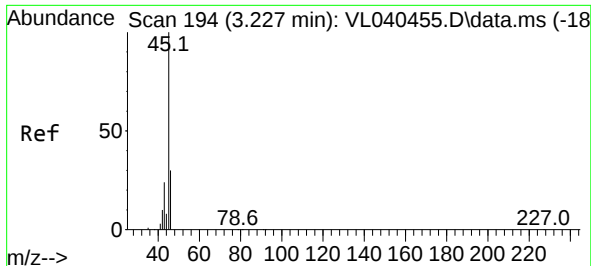


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.207 ppbv
 RT: 4.054 min Scan# 451
 Delta R.T. -0.019 min
 Lab File: VL040571.D
 Acq: 31 Jul 2023 14:00



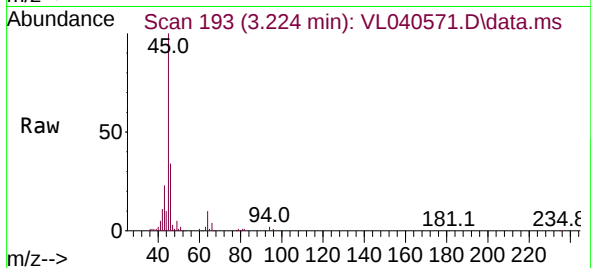
Tgt Ion:101 Resp: 1463484
 Ion Ratio Lower Upper
 101 100
 151 68.1 58.2 87.4





#13
Ethanol
Concen: 10.470 ppbv
RT: 3.224 min Scan# 194
Delta R.T. -0.023 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

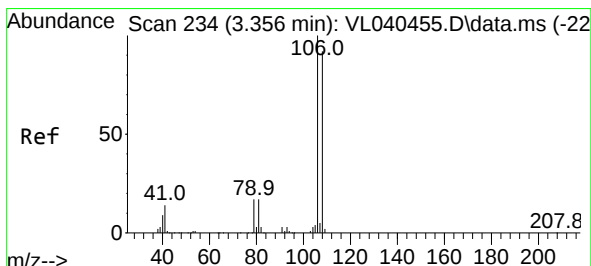
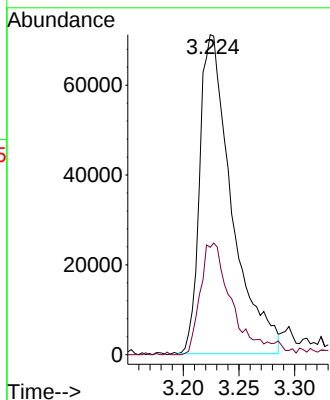
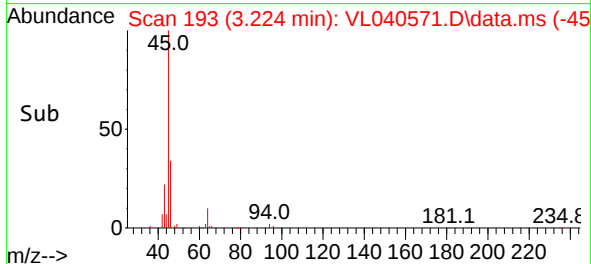
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



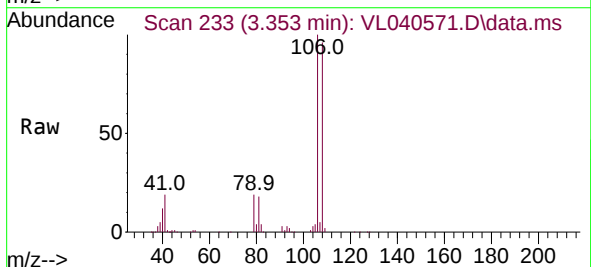
Tgt Ion: 45 Resp: 142020
Ion Ratio Lower Upper
45 100
46 37.0 15.3 61.1

Manual Integrations
APPROVED

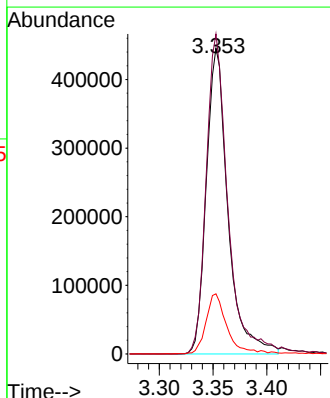
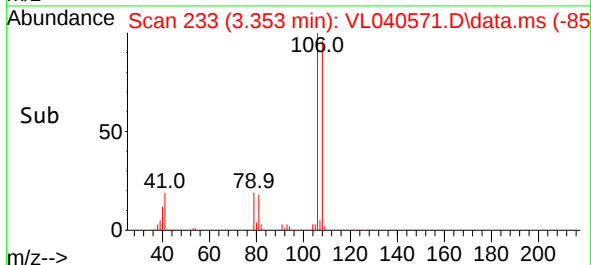
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

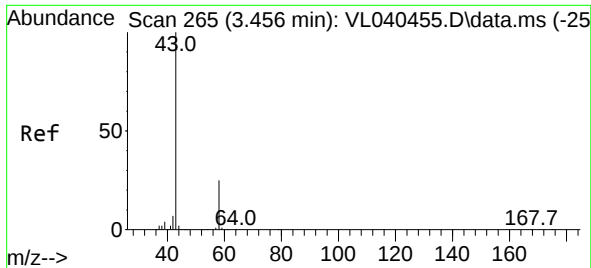


#14
Bromoethene
Concen: 11.083 ppbv
RT: 3.353 min Scan# 233
Delta R.T. -0.023 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00



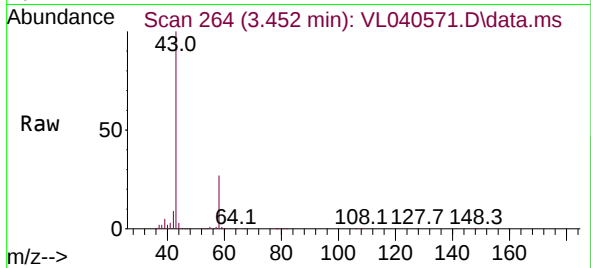
Tgt Ion:108 Resp: 622334
Ion Ratio Lower Upper
108 100
106 106.6 87.2 130.8
79 19.8 15.3 22.9





#15
Acetone
Concen: 9.928 ppbv
RT: 3.452 min Scan# 20
Delta R.T. -0.023 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

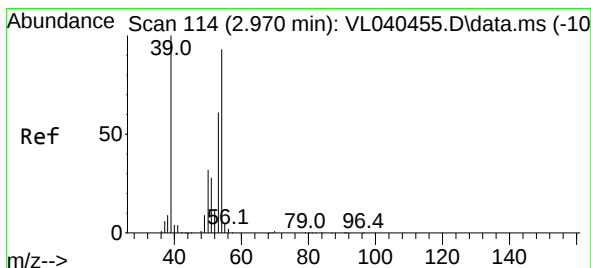
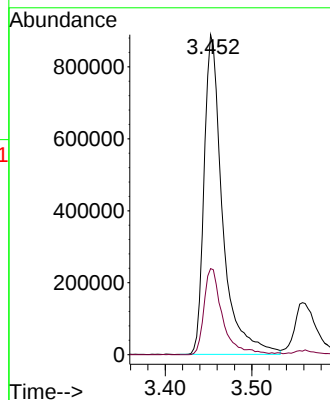
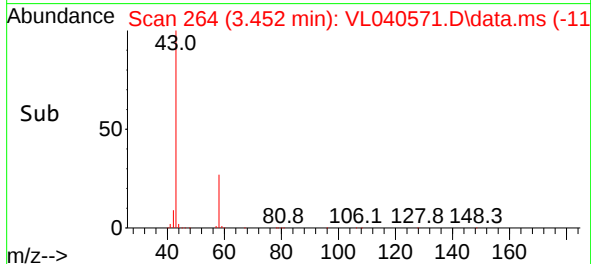
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



Tgt Ion: 43 Resp: 131294
Ion Ratio Lower Upper
43 100
58 27.5 22.9 34.3

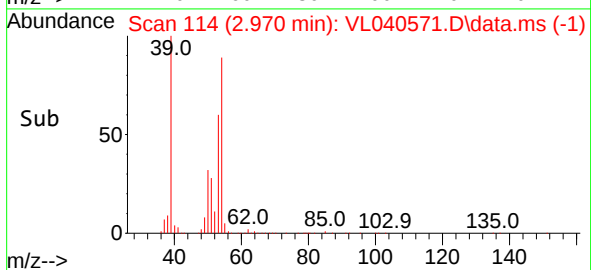
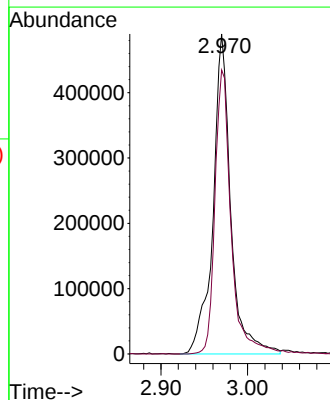
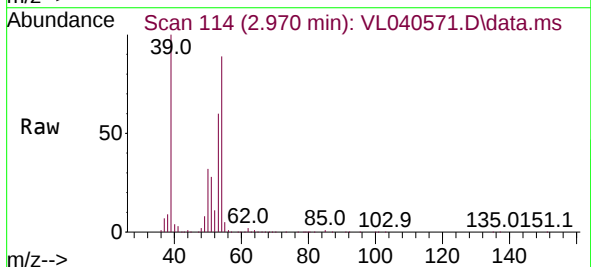
Manual Integrations
APPROVED

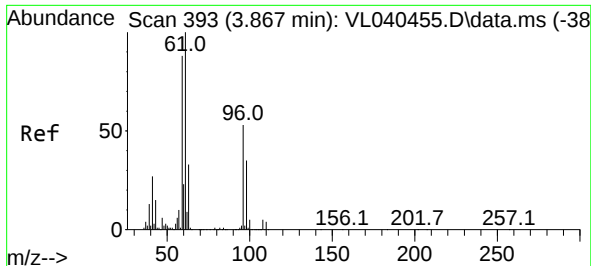
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#16
1,3-Butadiene
Concen: 10.461 ppbv
RT: 2.970 min Scan# 114
Delta R.T. -0.023 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Tgt Ion: 39 Resp: 697930
Ion Ratio Lower Upper
39 100
54 81.4 66.6 100.0





#17

tert-Butyl alcohol

Concen: 11.695 ppbv

RT: 3.864 min Scan# 392

Delta R.T. -0.019 min

Lab File: VL040571.D

Acq: 31 Jul 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

Tgt Ion: 59 Resp: 159963

Ion Ratio Lower Upper

59 100

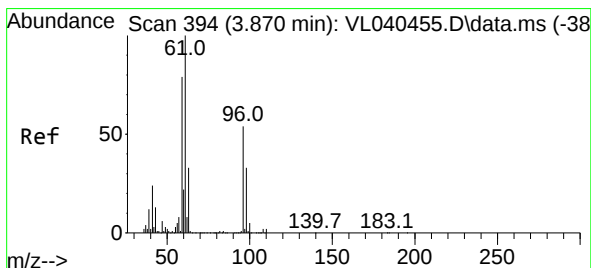
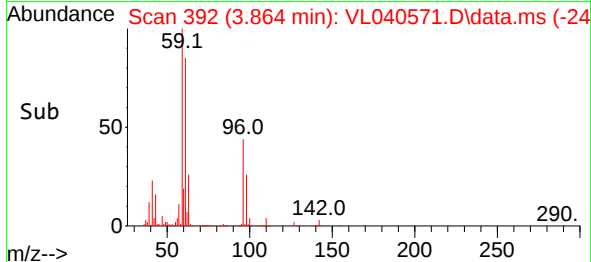
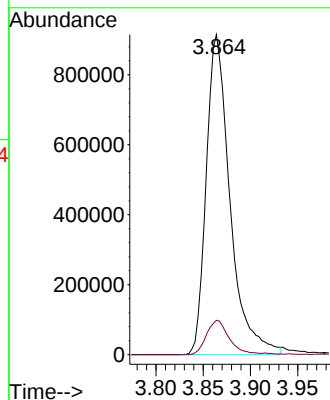
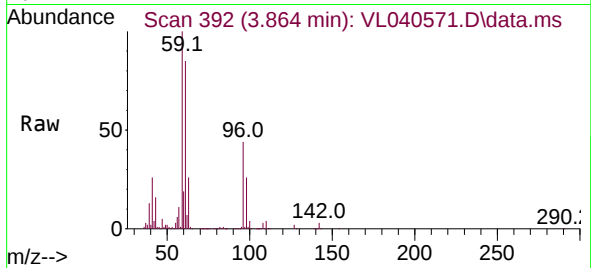
57 10.6 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#18

1,1-Dichloroethene

Concen: 11.193 ppbv

RT: 3.867 min Scan# 393

Delta R.T. -0.023 min

Lab File: VL040571.D

Acq: 31 Jul 2023 14:00

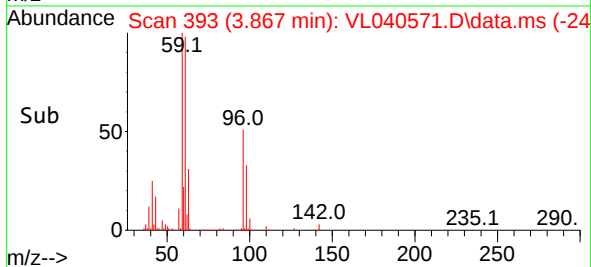
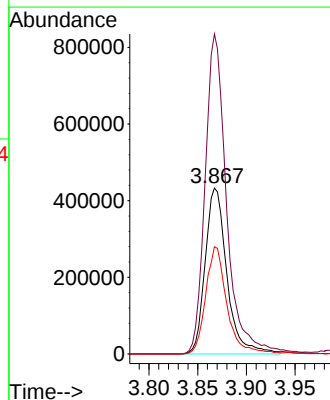
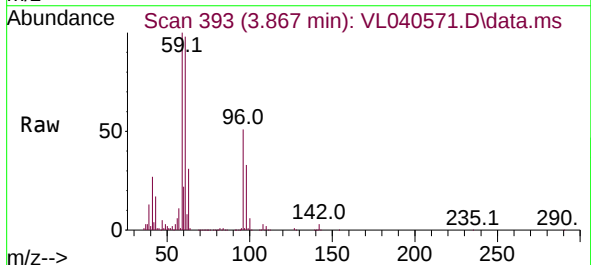
Tgt Ion: 96 Resp: 672013

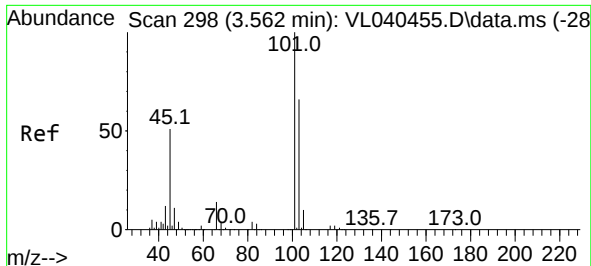
Ion Ratio Lower Upper

96 100

61 192.8 154.4 231.6

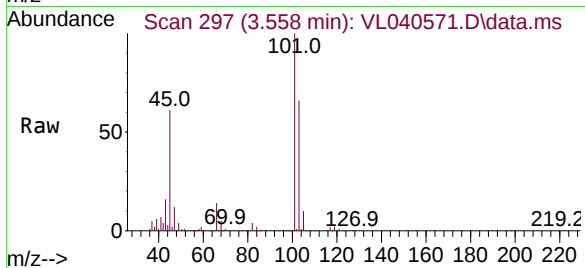
98 64.6 50.0 75.0





#19
Isopropyl Alcohol
Concen: 11.967 ppbv
RT: 3.558 min Scan# 298
Delta R.T. -0.023 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

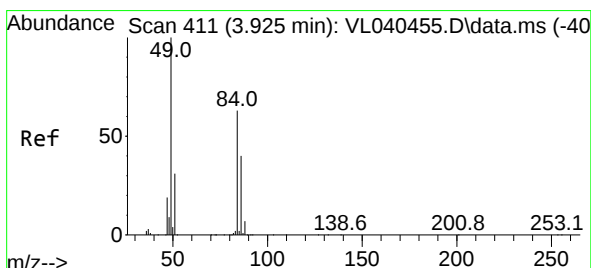
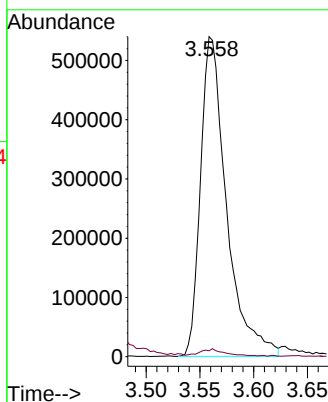
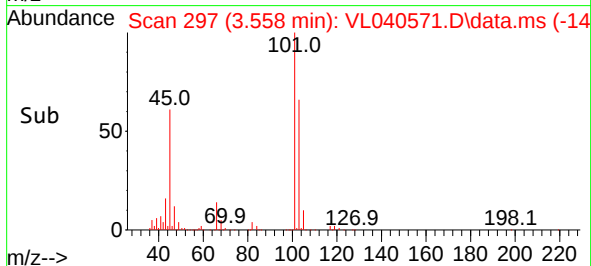
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



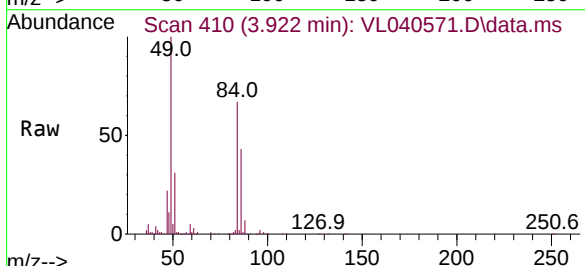
Tgt Ion: 45 Resp: 90851
Ion Ratio Lower Upper
45 100
58 2.8 1.1 1.7

Manual Integrations
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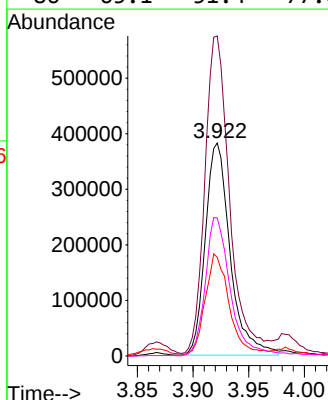
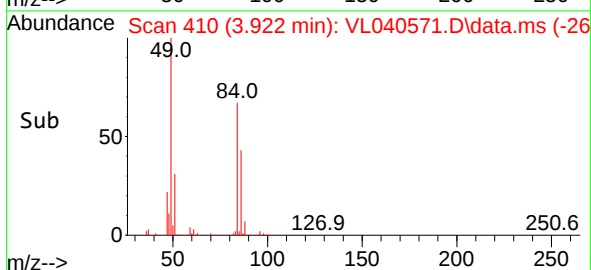
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

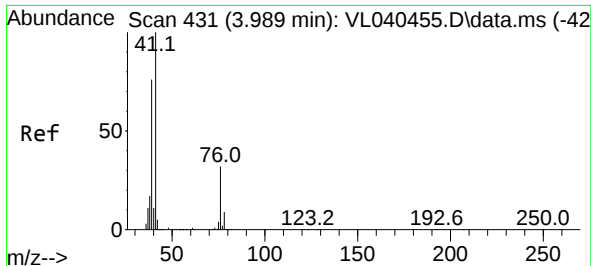


#20
Methylene Chloride
Concen: 10.560 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.019 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00



Tgt Ion: 84 Resp: 594014
Ion Ratio Lower Upper
84 100
49 149.4 123.4 185.2
51 45.6 38.3 57.5
86 65.1 51.4 77.0





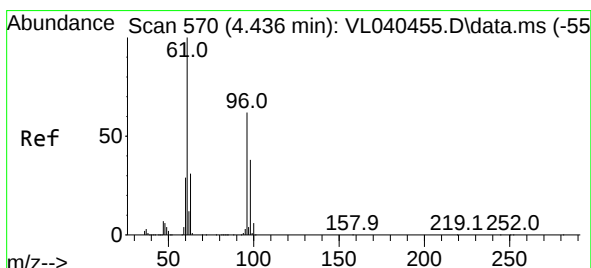
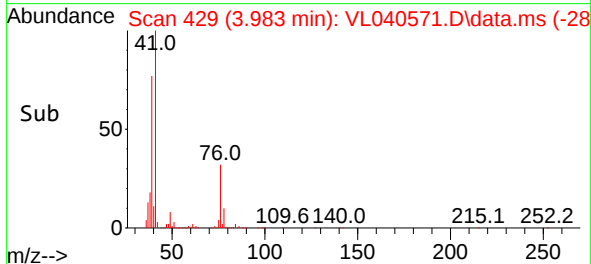
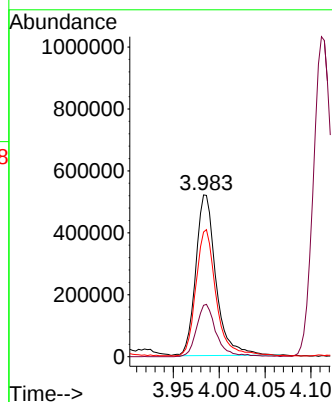
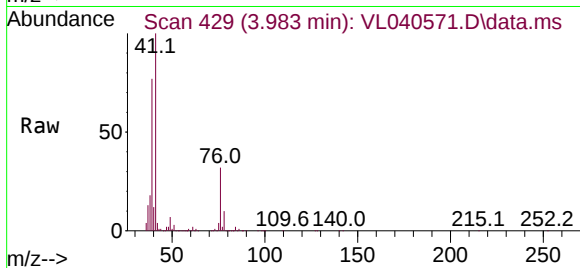
#21
 Allyl Chloride
 Concen: 10.495 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: VL040571.D
 Acq: 31 Jul 2023 14:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0731ABS01

Tgt Ion: 41 Resp: 79259
 Ion Ratio Lower Upper
 41 100
 76 32.1 24.8 37.2
 39 79.5 60.6 91.0

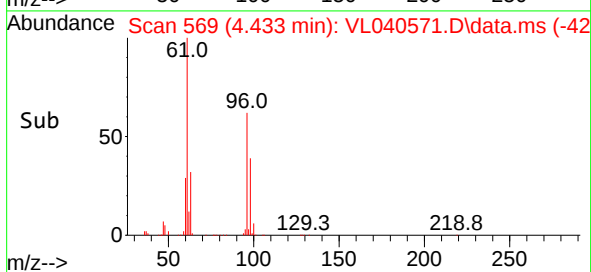
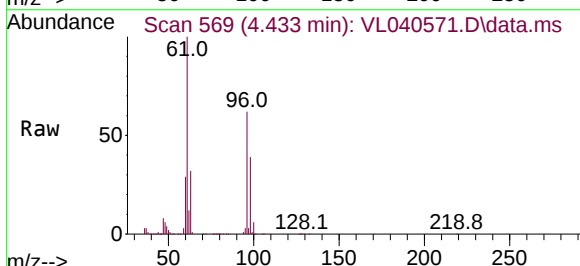
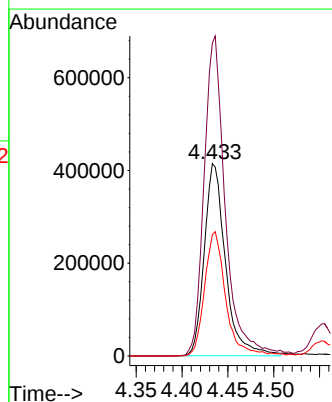
Manual Integrations
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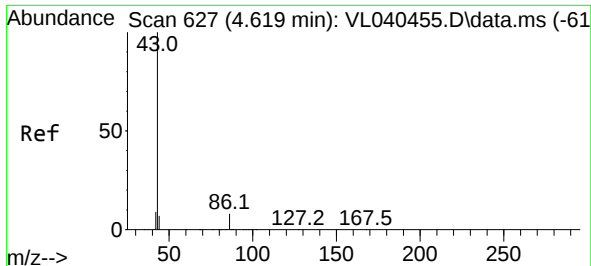
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#22
 trans-1,2-Dichloroethene
 Concen: 11.307 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. -0.019 min
 Lab File: VL040571.D
 Acq: 31 Jul 2023 14:00

Tgt Ion: 96 Resp: 669770
 Ion Ratio Lower Upper
 96 100
 61 162.6 137.7 206.5
 98 63.0 52.9 79.3





#23
 Vinyl Acetate
 Concen: 10.941 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. -0.019 min
 Lab File: VL040571.D
 Acq: 31 Jul 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

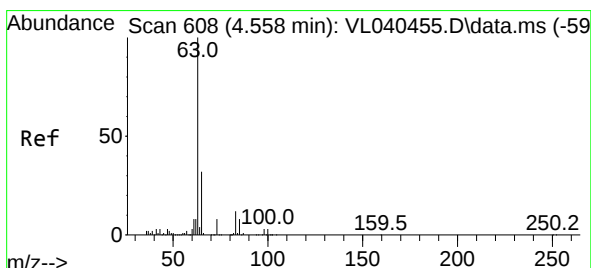
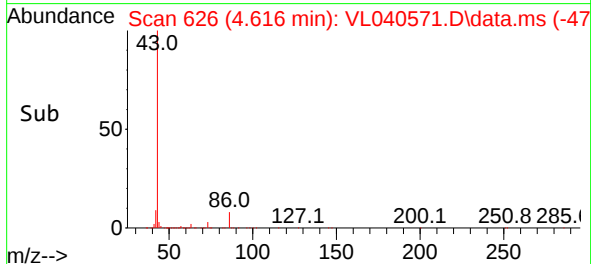
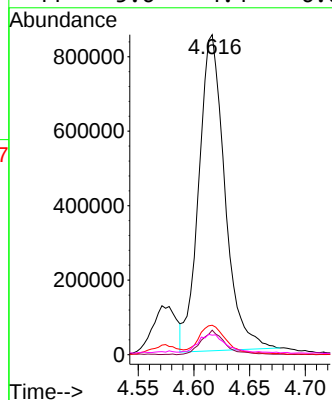
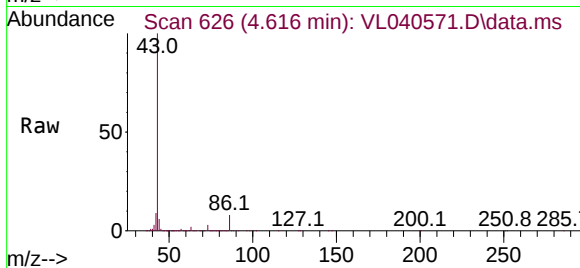
VL0731ABS01

Tgt Ion: 43 Resp: 137848
 Ion Ratio Lower Upper
 43 100
 86 7.7 5.6 8.4
 42 9.0 7.4 11.2
 44 5.6 4.4 6.6

Manual Integrations

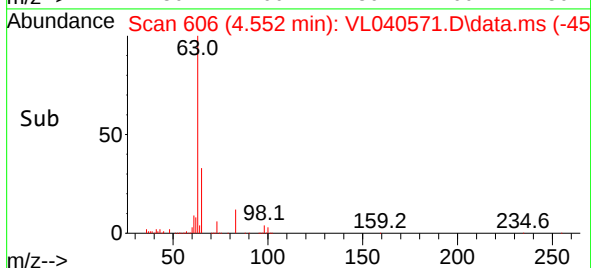
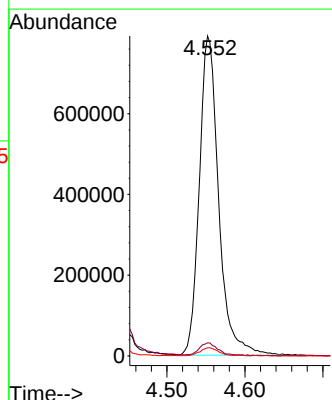
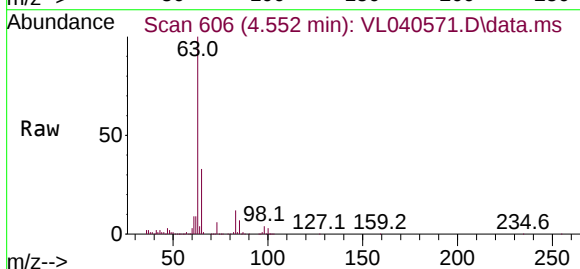
APPROVED

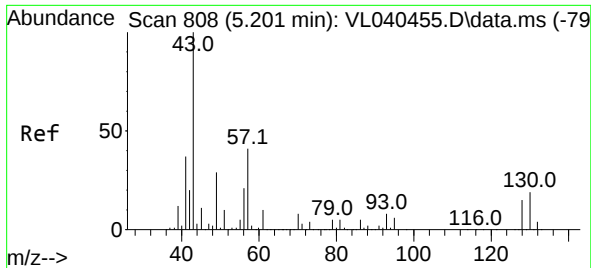
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#24
 1,1-Dichloroethane
 Concen: 10.657 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.019 min
 Lab File: VL040571.D
 Acq: 31 Jul 2023 14:00

Tgt Ion: 63 Resp: 1362764
 Ion Ratio Lower Upper
 63 100
 98 4.0 1.8 5.5
 100 2.6 1.4 4.0





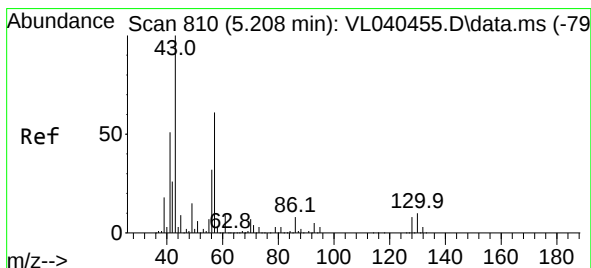
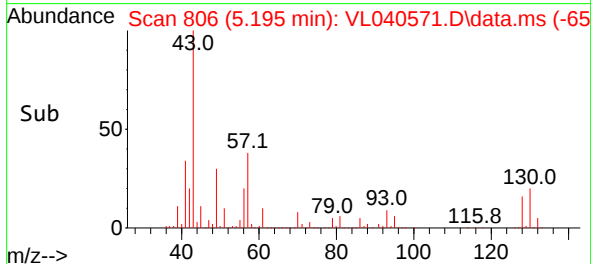
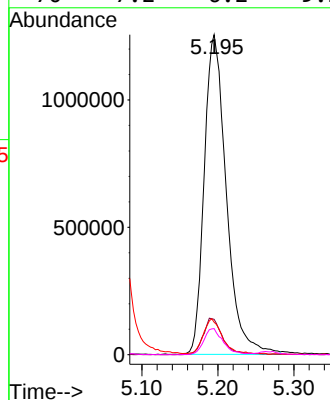
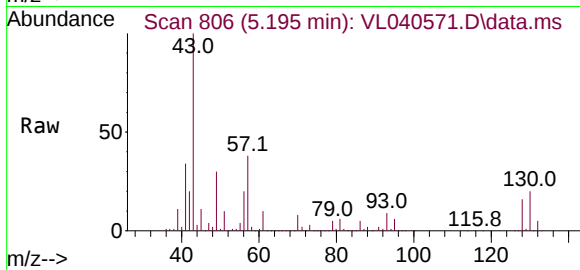
#25
Ethyl Acetate
Concen: 10.076 ppbv
RT: 5.195 min Scan# 808
Delta R.T. -0.016 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01

Tgt Ion: 43 Resp: 253687
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.4
61 10.1 8.3 12.5
70 7.2 6.2 9.2

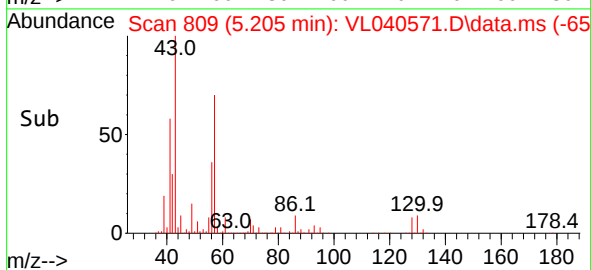
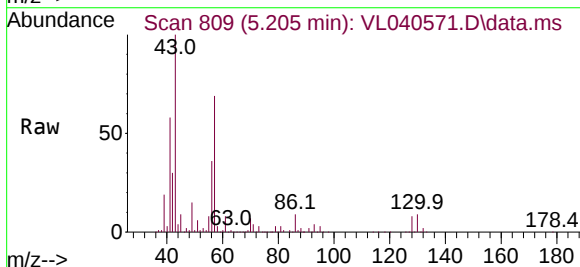
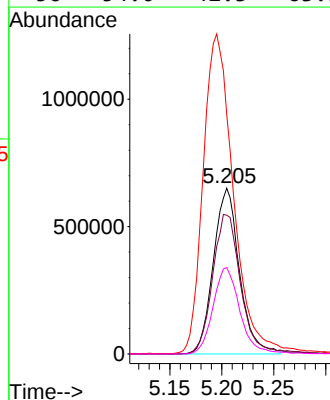
Manual Integrations
APPROVED

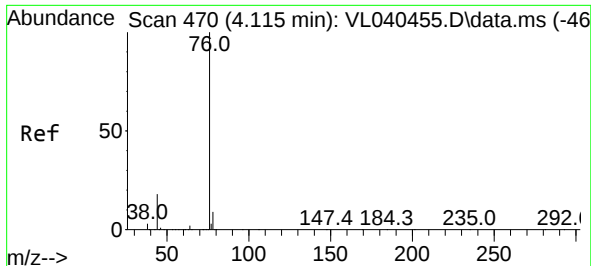
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#26
Hexane
Concen: 9.706 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.016 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

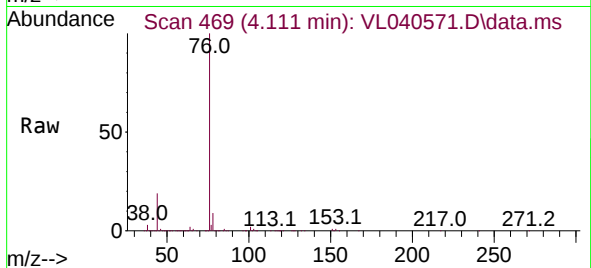
Tgt Ion: 57 Resp: 1135185
Ion Ratio Lower Upper
57 100
41 91.6 69.5 104.3
43 226.0 177.1 265.7
56 54.0 42.3 63.5





#27
Carbon Disulfide
Concen: 12.067 ppbv
RT: 4.111 min Scan# 4
Delta R.T. -0.019 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

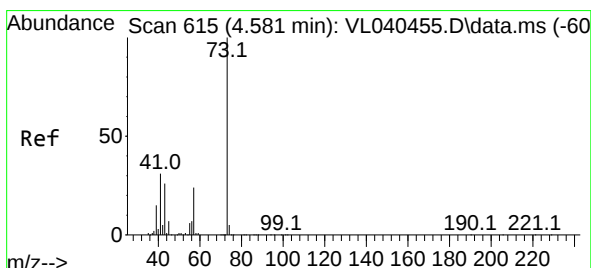
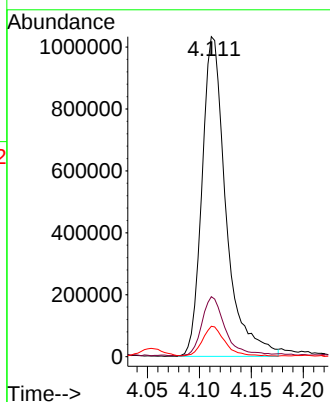
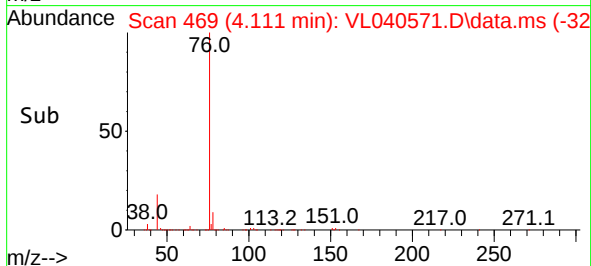
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



Tgt Ion: 76 Resp: 1660170
Ion Ratio Lower Upper
76 100
44 18.2 15.1 22.7
78 9.3 7.5 11.3

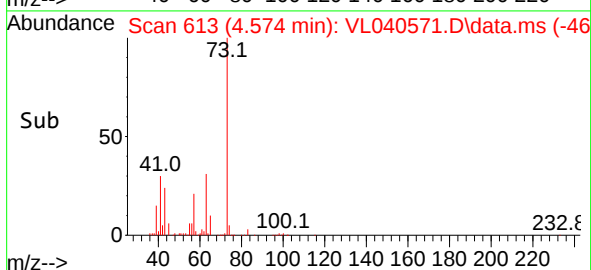
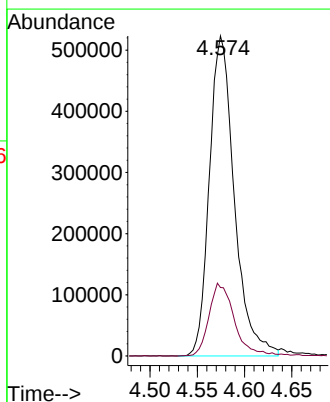
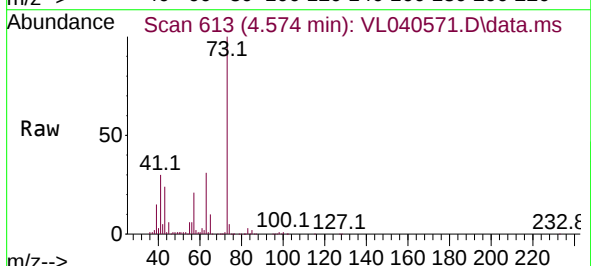
Manual Integrations
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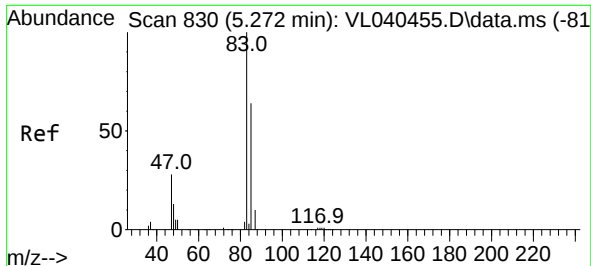
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#28
Methyl tert-Butyl Ether
Concen: 10.213 ppbv
RT: 4.574 min Scan# 613
Delta R.T. -0.019 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

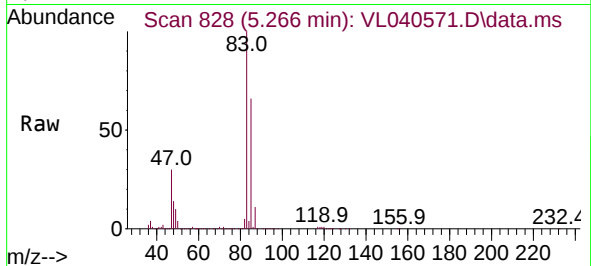
Tgt Ion: 73 Resp: 961647
Ion Ratio Lower Upper
73 100
57 23.5 18.8 28.2





#29
Chloroform
Concen: 10.081 ppbv
RT: 5.266 min Scan# 81
Delta R.T. -0.019 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

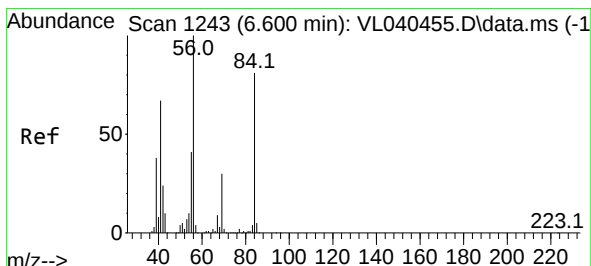
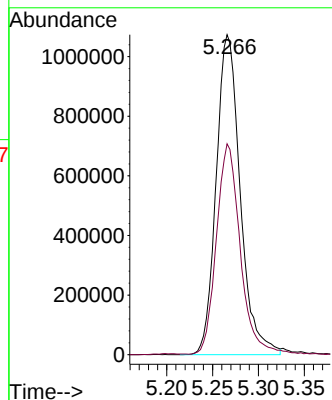
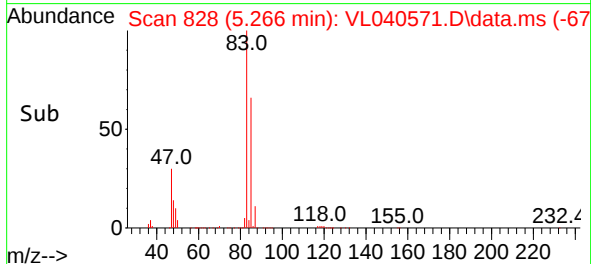
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



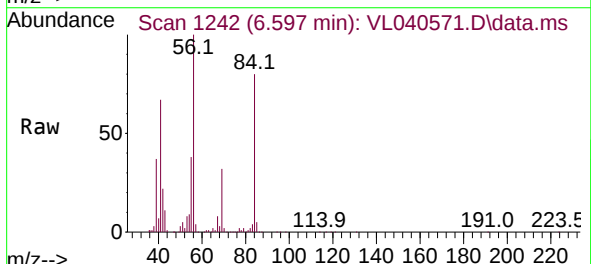
Tgt Ion: 83 Resp: 195579
Ion Ratio Lower Upper
83 100
85 65.7 51.1 76.7

Manual Integrations
APPROVED

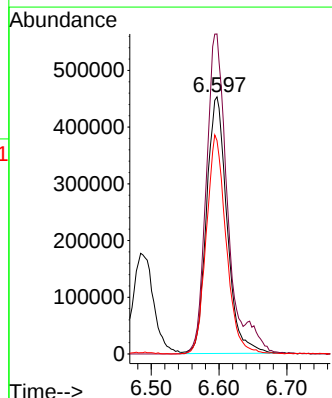
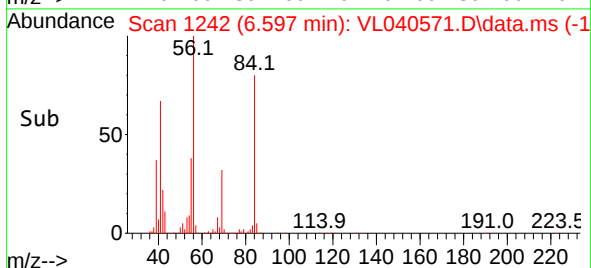
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

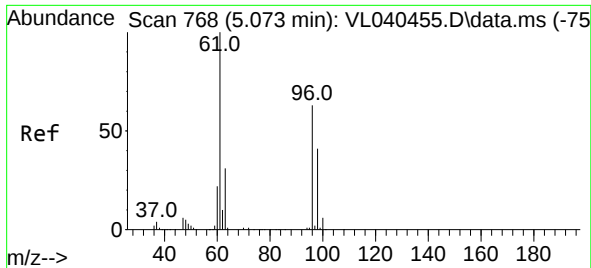


#30
Cyclohexane
Concen: 9.767 ppbv
RT: 6.597 min Scan# 1242
Delta R.T. -0.013 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00



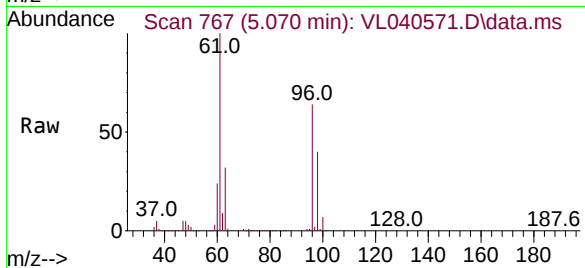
Tgt Ion: 84 Resp: 950596
Ion Ratio Lower Upper
84 100
56 130.9 108.7 163.1
41 83.0 64.5 96.7





#31
 cis-1,2-Dichloroethene
 Concen: 10.146 ppbv
 RT: 5.070 min Scan# 768
 Delta R.T. -0.016 min
 Lab File: VL040571.D
 Acq: 31 Jul 2023 14:00

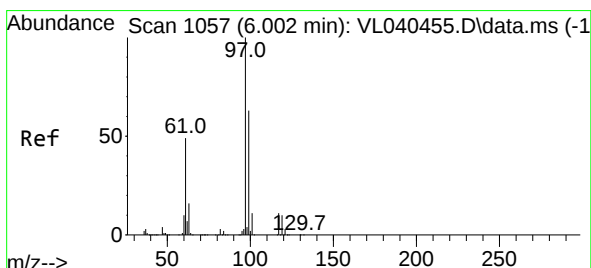
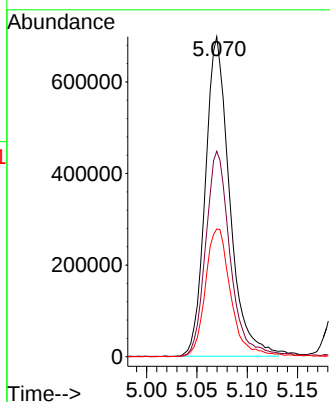
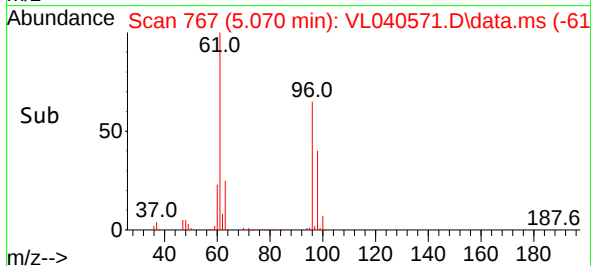
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0731ABS01



Tgt Ion: 61 Resp: 117298
 Ion Ratio Lower Upper
 61 100
 96 64.2 54.7 82.1
 98 39.9 34.6 52.0

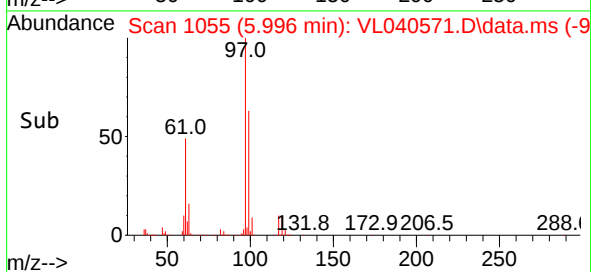
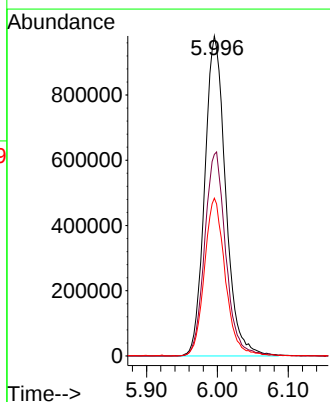
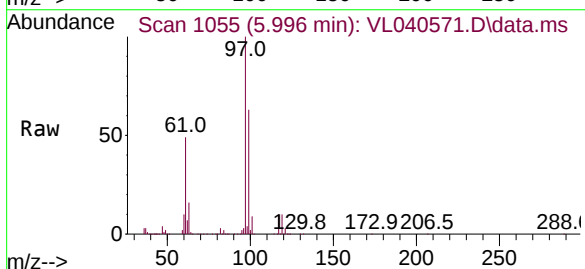
Manual Integrations
 APPROVED

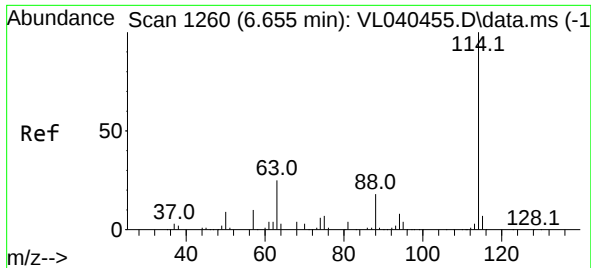
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#32
 1,1,1-Trichloroethane
 Concen: 10.603 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.016 min
 Lab File: VL040571.D
 Acq: 31 Jul 2023 14:00

Tgt Ion: 97 Resp: 2012665
 Ion Ratio Lower Upper
 97 100
 99 64.3 52.0 78.0
 61 49.2 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 114

Delta R.T. -0.016 min

Lab File: VL040571.D

Acq: 31 Jul 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

Tgt Ion:114 Resp: 281426

Ion Ratio Lower Upper

114 100

63 26.2 19.6 29.4

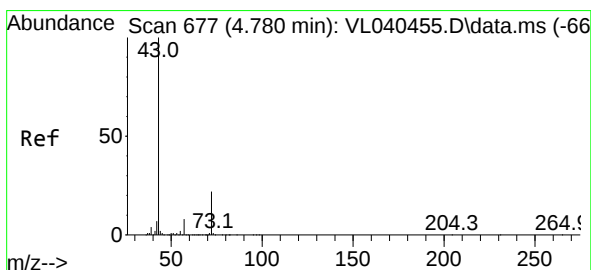
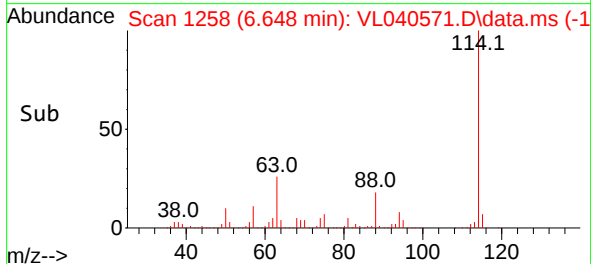
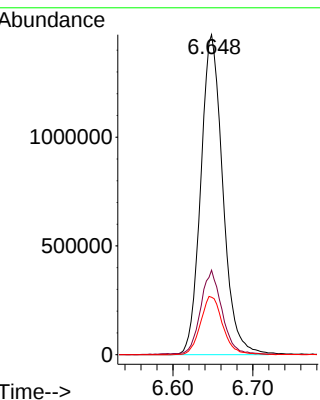
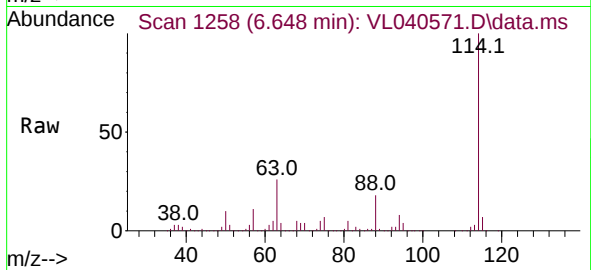
88 18.4 14.2 21.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#34

2-Butanone

Concen: 10.922 ppbv

RT: 4.777 min Scan# 676

Delta R.T. -0.016 min

Lab File: VL040571.D

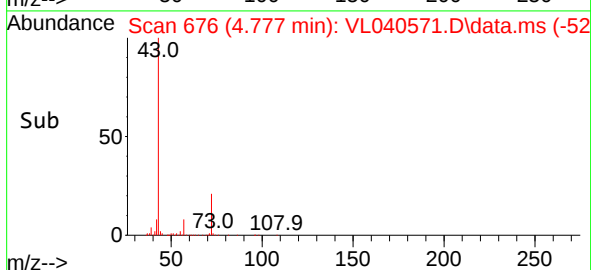
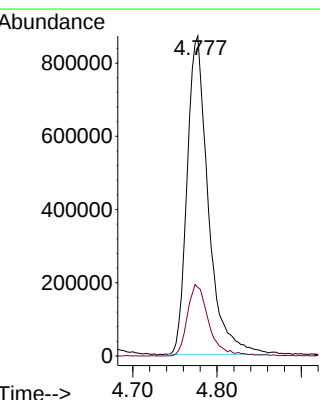
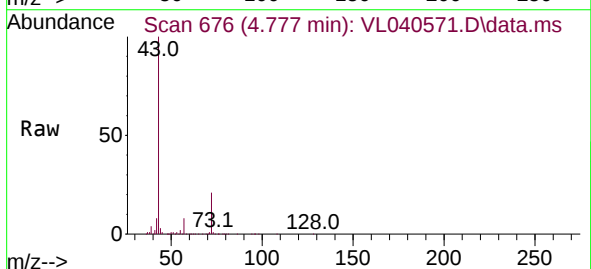
Acq: 31 Jul 2023 14:00

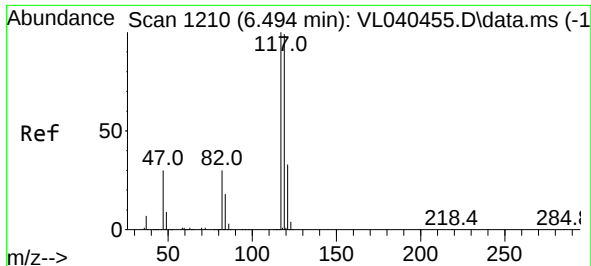
Tgt Ion: 43 Resp: 1518844

Ion Ratio Lower Upper

43 100

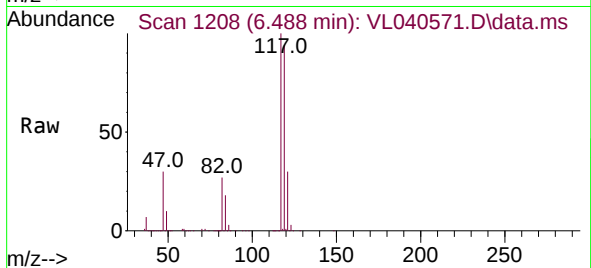
72 23.0 19.1 28.7





#35
Carbon Tetrachloride
Concen: 12.070 ppbv
RT: 6.488 min Scan# 1169
Delta R.T. -0.016 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

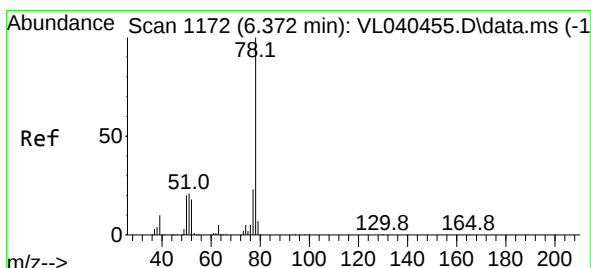
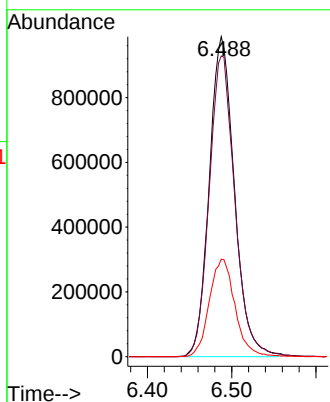
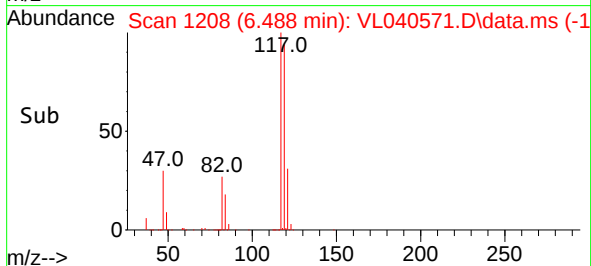
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



Tgt Ion: 117 Resp: 204424
Ion Ratio Lower Upper
117 100
119 93.9 77.8 116.6
121 30.4 24.8 37.2

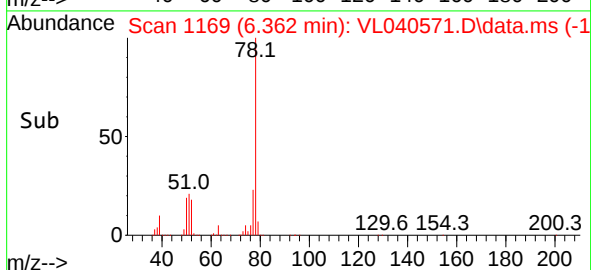
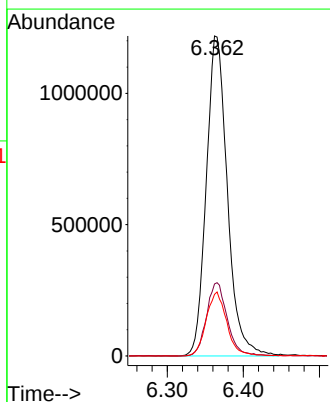
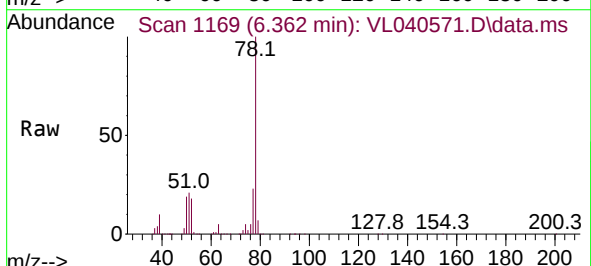
Manual Integrations
APPROVED

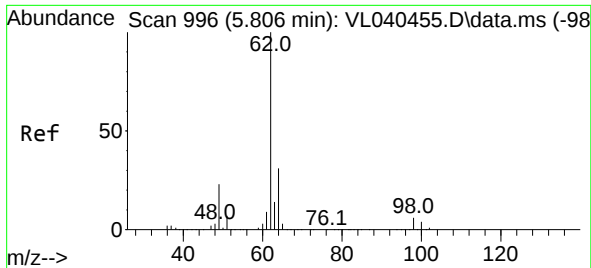
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#36
Benzene
Concen: 10.374 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Tgt Ion: 78 Resp: 2349176
Ion Ratio Lower Upper
78 100
77 22.5 17.4 26.0
50 19.3 14.4 21.6





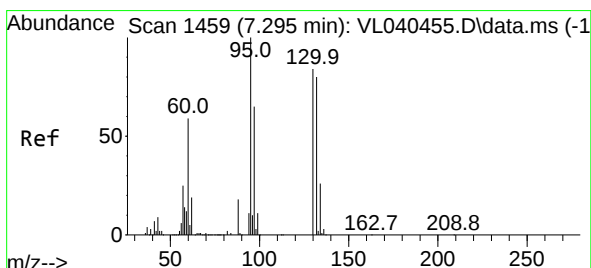
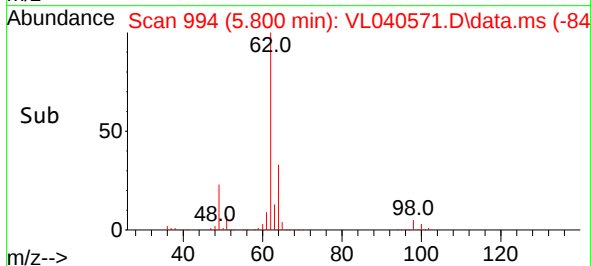
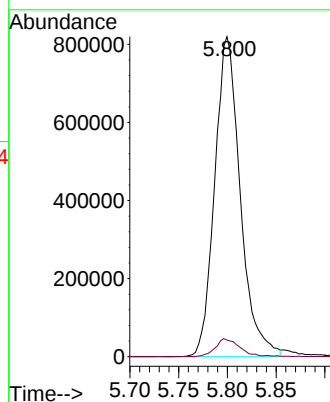
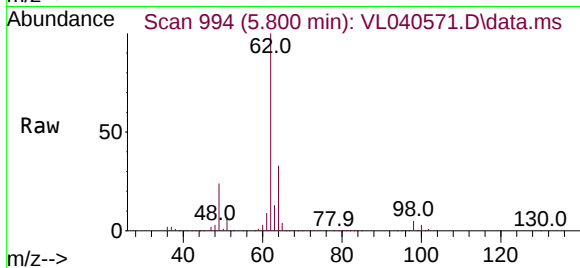
#37
1,2-Dichloroethane
Concen: 11.226 ppbv
RT: 5.800 min Scan# 996
Delta R.T. -0.016 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01

Tgt Ion: 62 Resp: 1495449
Ion Ratio Lower Upper
62 100
98 5.5 5.1 7.7

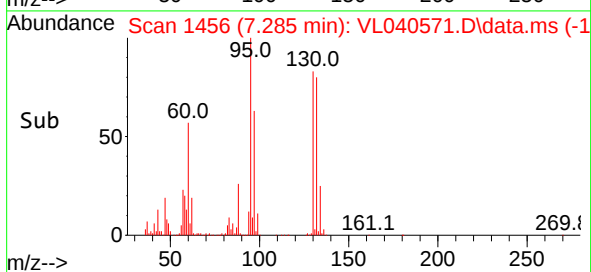
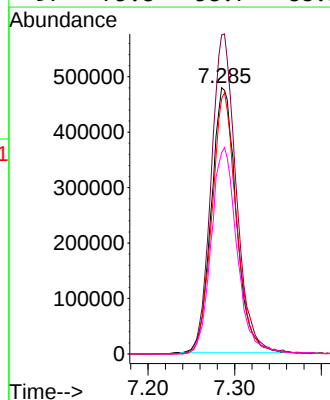
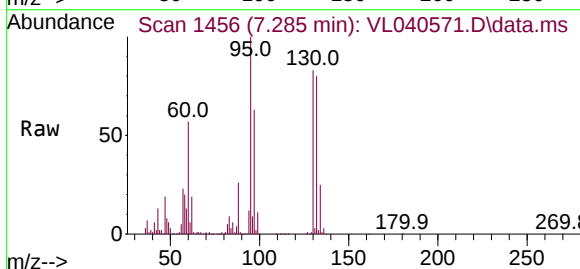
Manual Integrations
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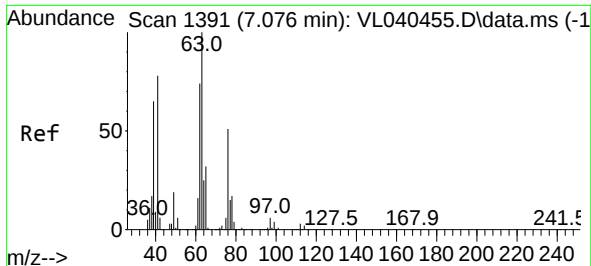
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#38
Trichloroethene
Concen: 11.098 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.019 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Tgt Ion:130 Resp: 950574
Ion Ratio Lower Upper
130 100
95 120.3 90.2 135.2
132 96.2 76.3 114.5
97 75.8 58.7 88.1





#39

1,2-Dichloropropane

Concen: 10.508 ppbv

RT: 7.066 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL040571.D

Acq: 31 Jul 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

Tgt Ion: 63 Resp: 916009

Ion Ratio Lower Upper

63 100

41 76.4 54.3 81.5

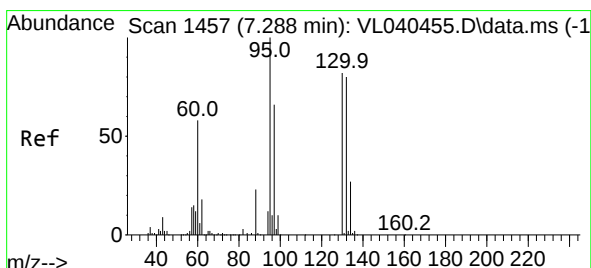
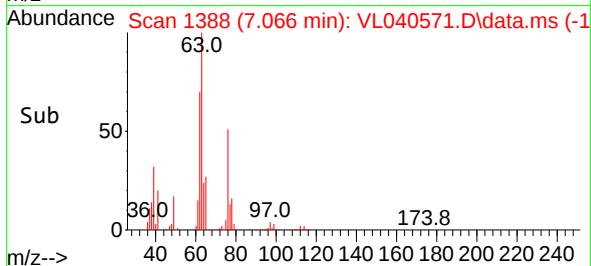
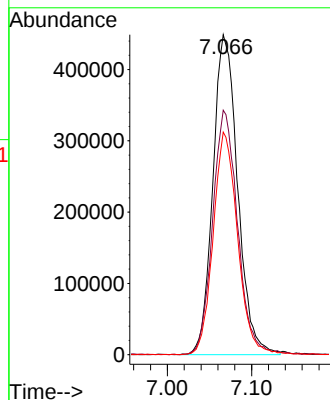
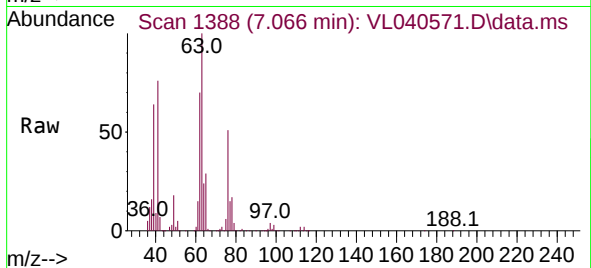
62 69.5 55.6 83.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#40

1,4-Dioxane

Concen: 12.330 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. -0.016 min

Lab File: VL040571.D

Acq: 31 Jul 2023 14:00

Tgt Ion: 88 Resp: 336172

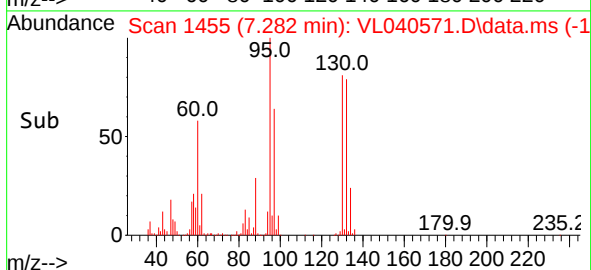
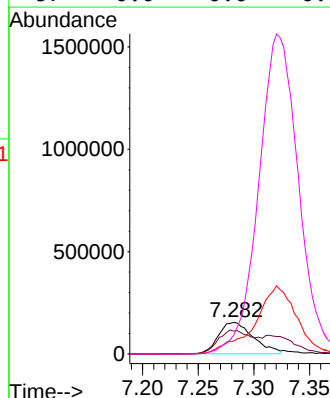
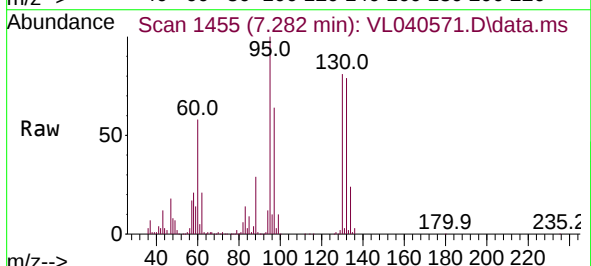
Ion Ratio Lower Upper

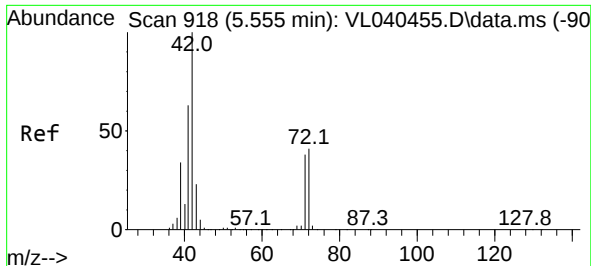
88 100

58 130.0 58.6 88.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.621 ppbv

RT: 5.545 min Scan# 918

Delta R.T. -0.019 min

Lab File: VL040571.D

Acq: 31 Jul 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

Tgt Ion: 42 Resp: 86186

Ion Ratio Lower Upper

42 100

72 41.2 33.8 50.8

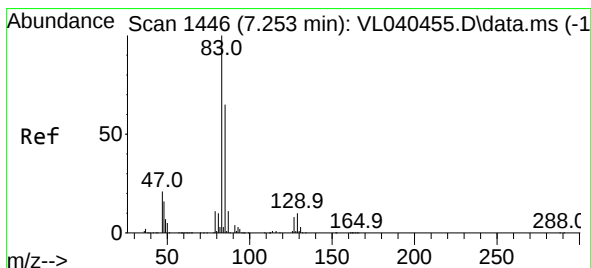
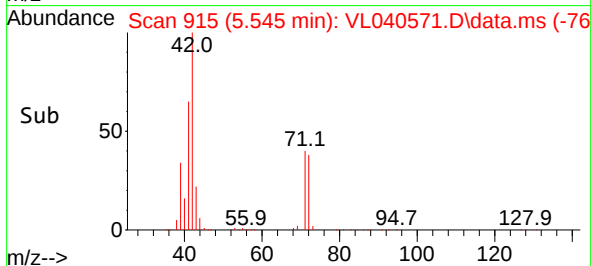
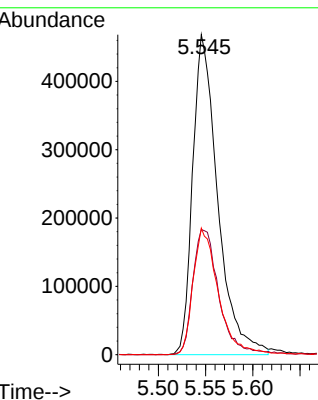
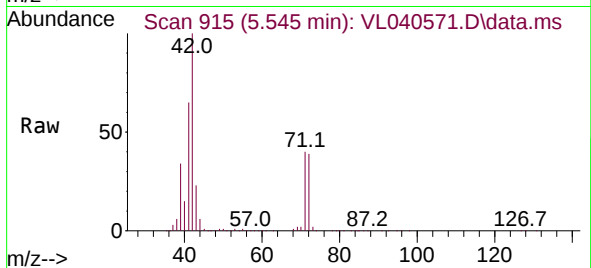
71 40.3 33.0 49.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#42

Bromodichloromethane

Concen: 11.674 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. -0.013 min

Lab File: VL040571.D

Acq: 31 Jul 2023 14:00

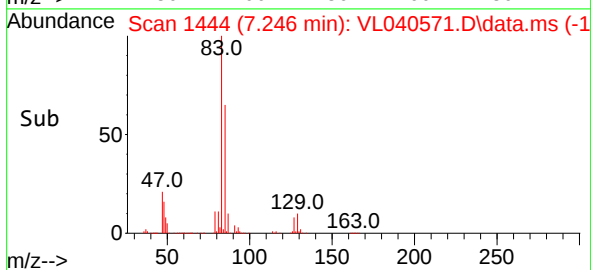
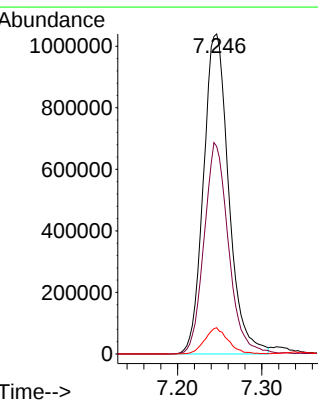
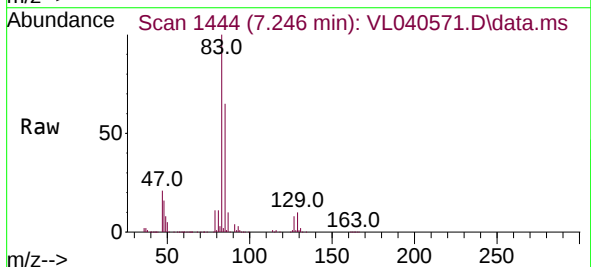
Tgt Ion: 83 Resp: 2162844

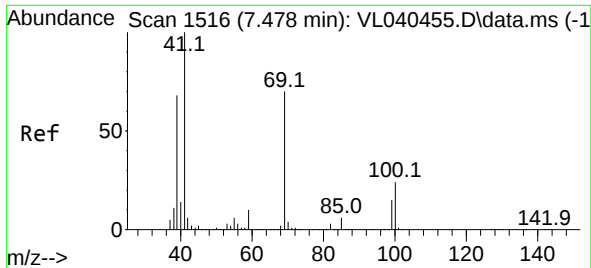
Ion Ratio Lower Upper

83 100

85 64.9 51.1 76.7

127 8.2 6.5 9.7





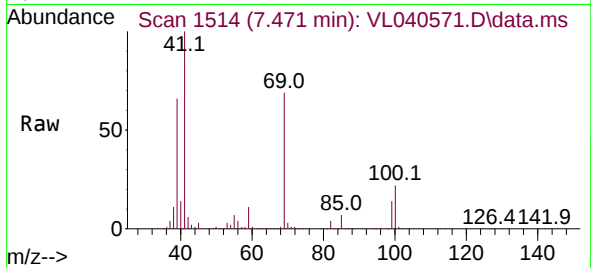
#43
Methyl Methacrylate
Concen: 11.344 ppbv
RT: 7.471 min Scan# 1467
Delta R.T. -0.013 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

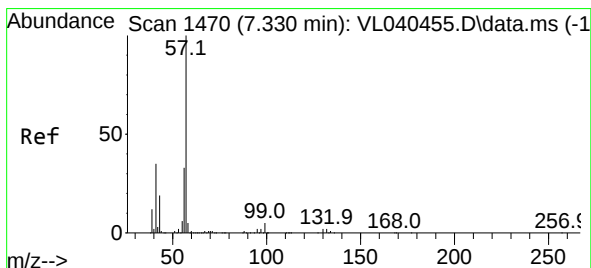
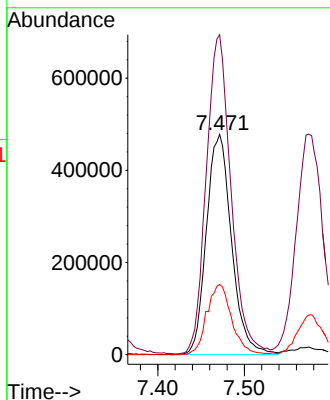
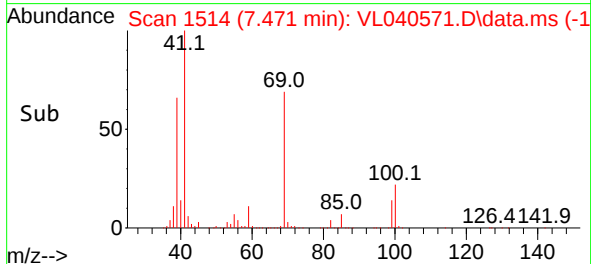


Tgt Ion: 69 Resp: 961478
Ion Ratio Lower Upper
69 100
41 143.2 111.7 167.5
100 31.8 26.9 40.3

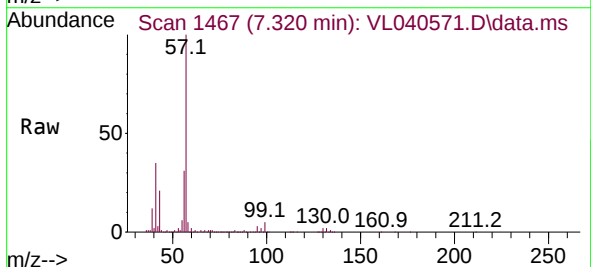
Manual Integrations

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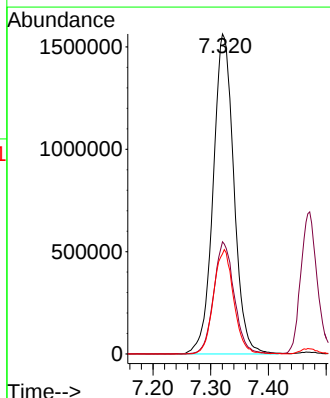
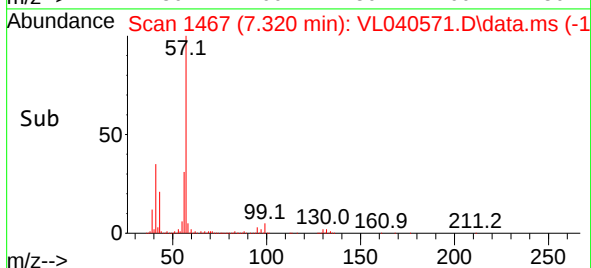
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

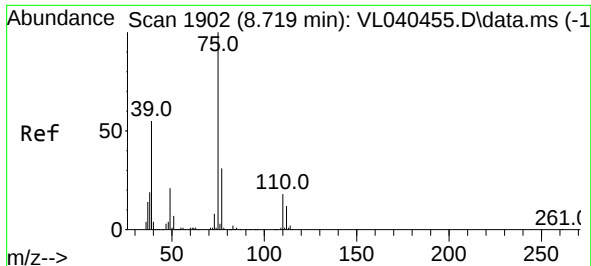


#44
2,2,4-Trimethylpentane
Concen: 10.672 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.016 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00



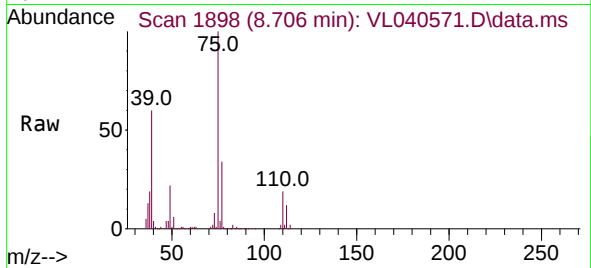
Tgt Ion: 57 Resp: 3887999
Ion Ratio Lower Upper
57 100
41 34.8 25.5 38.3
56 31.9 25.1 37.7





#45
t-1,3-Dichloropropene
Concen: 11.650 ppbv
RT: 8.706 min Scan# 1189
Delta R.T. -0.016 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

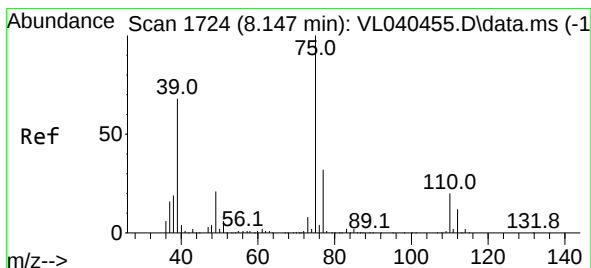
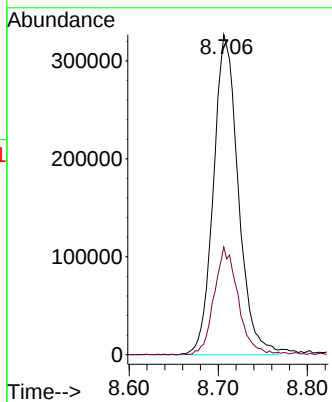
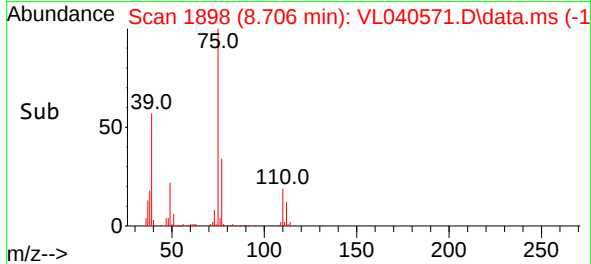
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



Tgt Ion: 75 Resp: 633434
Ion Ratio Lower Upper
75 100
77 33.6 26.0 39.0

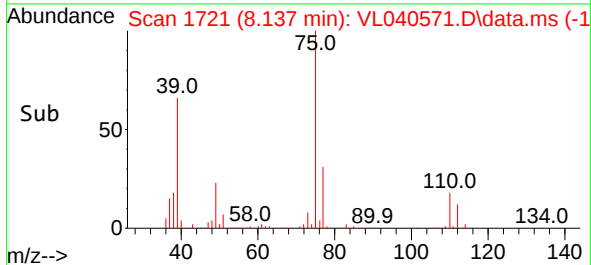
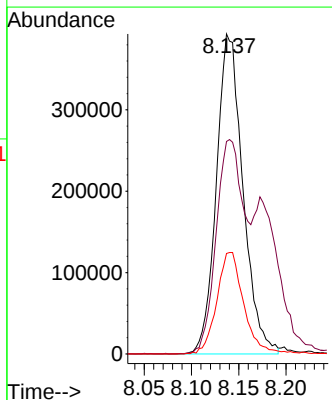
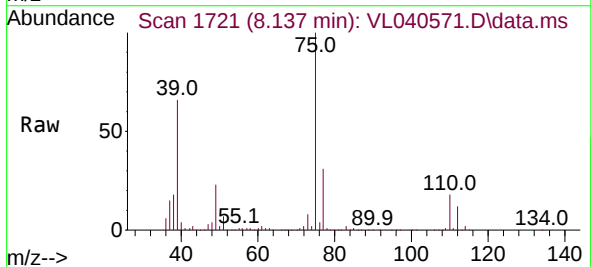
Manual Integrations
APPROVED

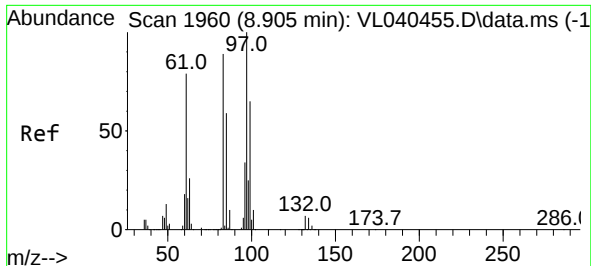
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#46
cis-1,3-Dichloropropene
Concen: 11.012 ppbv
RT: 8.137 min Scan# 1721
Delta R.T. -0.016 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Tgt Ion: 75 Resp: 768184
Ion Ratio Lower Upper
75 100
39 66.3 48.0 72.0
77 31.4 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 10.437 ppbv

RT: 8.896 min Scan# 1960

Delta R.T. -0.013 min

Lab File: VL040571.D

Acq: 31 Jul 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

Tgt Ion: 97 Resp: 1003828

Ion Ratio Lower Upper

97 100

83 94.1 73.4 110.0

85 58.1 46.6 70.0

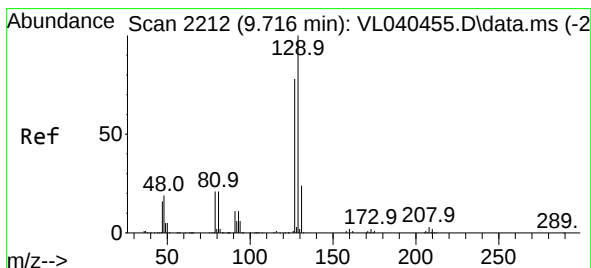
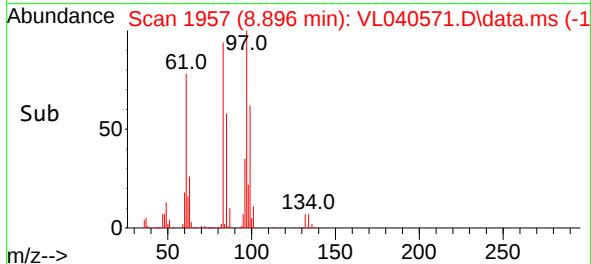
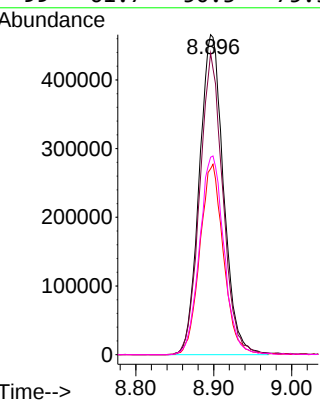
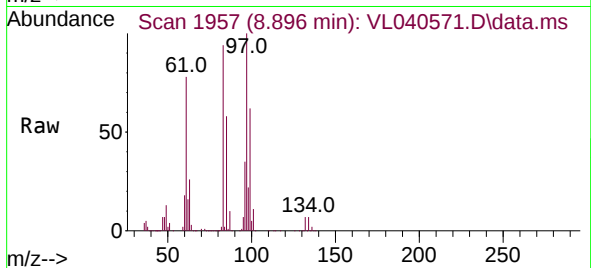
99 61.7 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#48

Dibromochloromethane

Concen: 11.667 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. -0.013 min

Lab File: VL040571.D

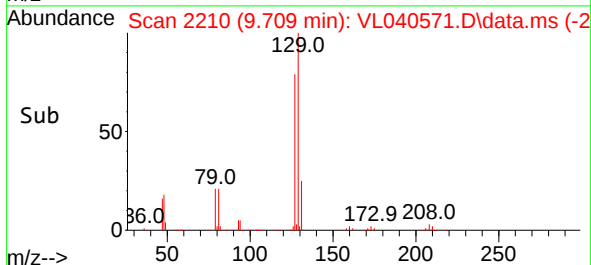
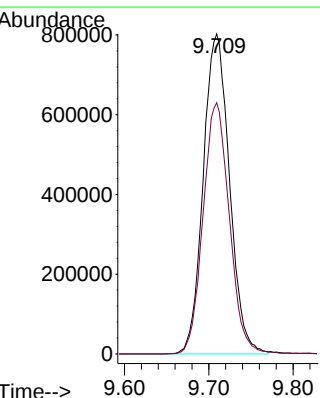
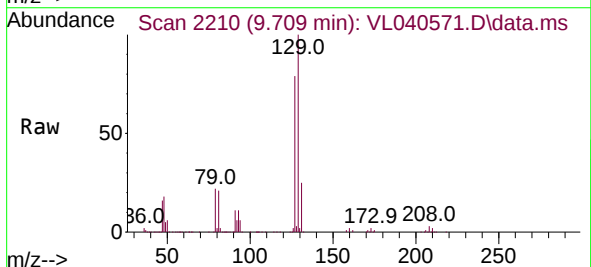
Acq: 31 Jul 2023 14:00

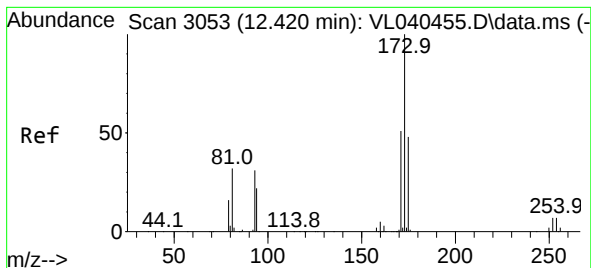
Tgt Ion:129 Resp: 1734861

Ion Ratio Lower Upper

129 100

127 78.8 39.1 117.3





#49

Bromoform

Concen: 11.918 ppbv

RT: 12.410 min Scan# 3053

Delta R.T. -0.013 min

Lab File: VL040571.D

Acq: 31 Jul 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

Tgt Ion:173 Resp: 140498

Ion Ratio Lower Upper

173 100

175 49.8 39.5 59.3

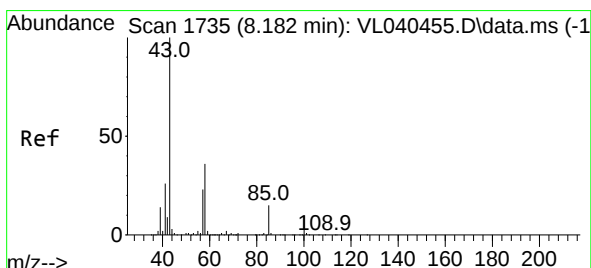
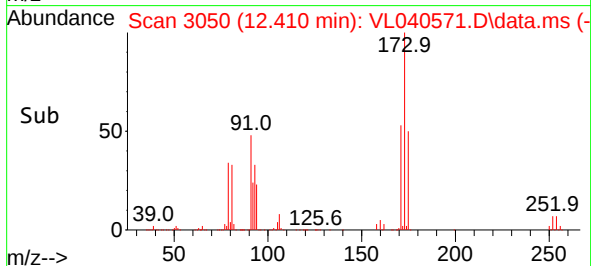
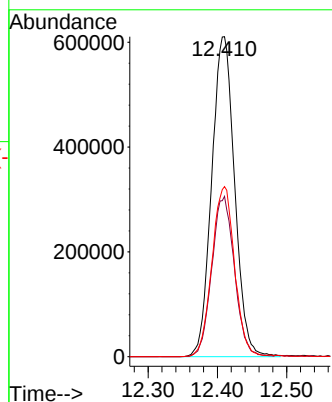
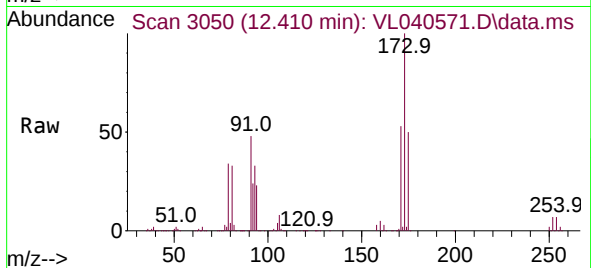
171 53.0 42.2 63.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#50

4-Methyl-2-Pentanone

Concen: 11.341 ppbv

RT: 8.176 min Scan# 1733

Delta R.T. -0.016 min

Lab File: VL040571.D

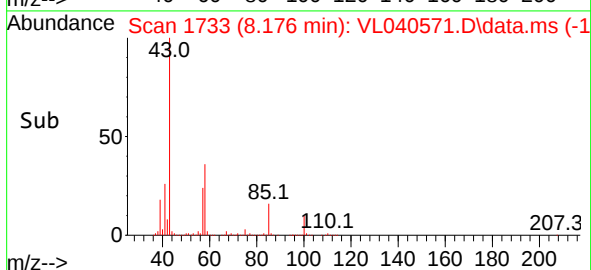
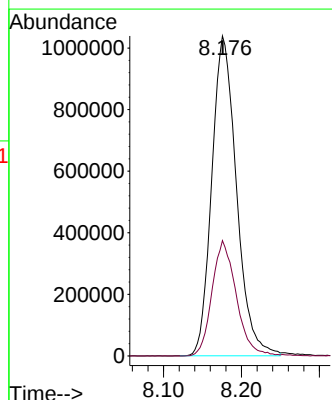
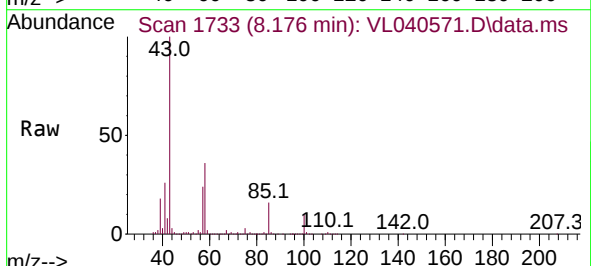
Acq: 31 Jul 2023 14:00

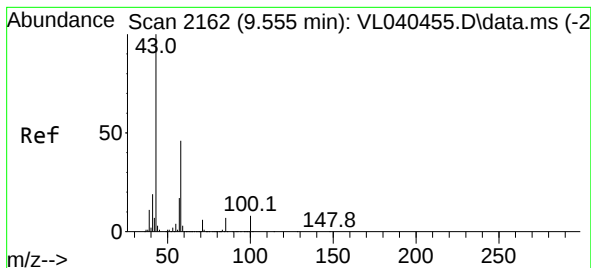
Tgt Ion: 43 Resp: 2291483

Ion Ratio Lower Upper

43 100

58 35.7 30.2 45.2





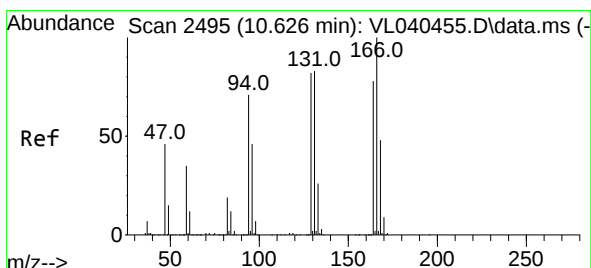
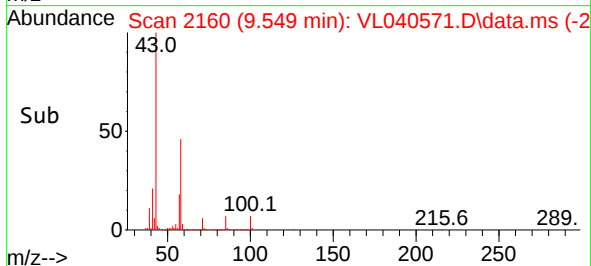
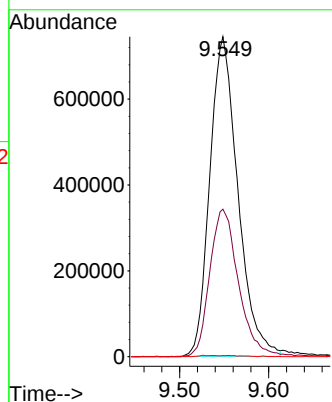
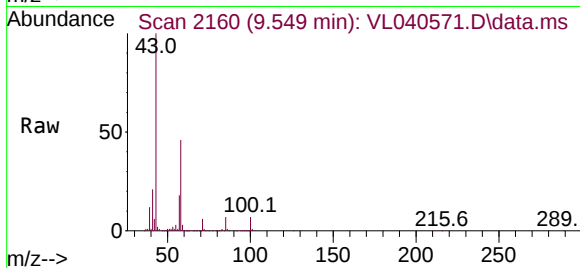
#51
2-Hexanone
Concen: 11.395 ppbv
RT: 9.549 min Scan# 2162
Delta R.T. -0.012 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01

Tgt Ion: 43 Resp: 162816
Ion Ratio Lower Upper
43 100
58 47.6 39.7 59.5
98 0.6 0.3 0.5

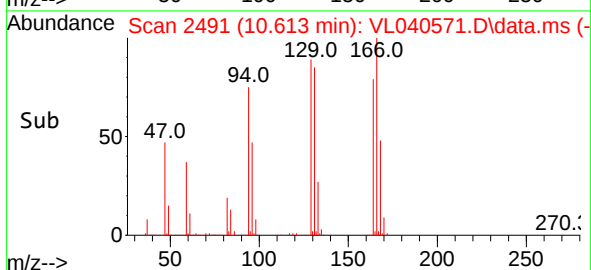
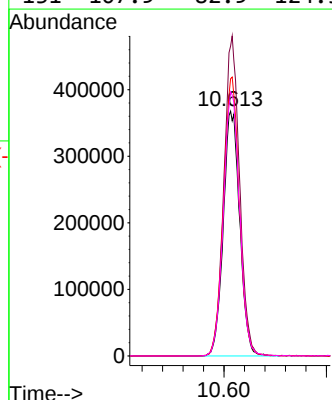
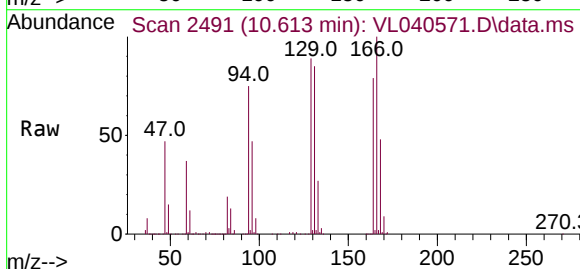
Manual Integrations
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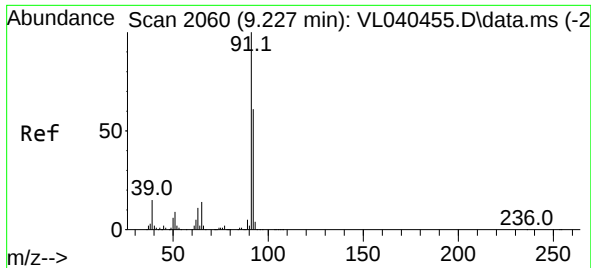
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#52
Tetrachloroethene
Concen: 11.097 ppbv m
RT: 10.613 min Scan# 2491
Delta R.T. -0.013 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Tgt Ion:164 Resp: 813783
Ion Ratio Lower Upper
164 100
166 126.6 103.9 155.9
129 113.2 84.6 126.8
131 107.9 82.9 124.3





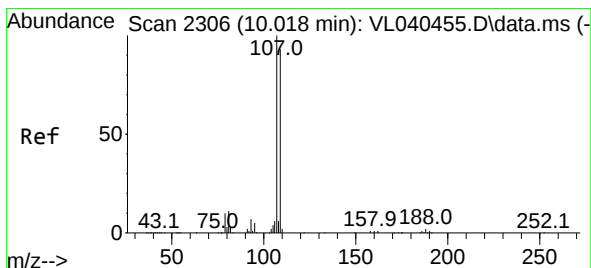
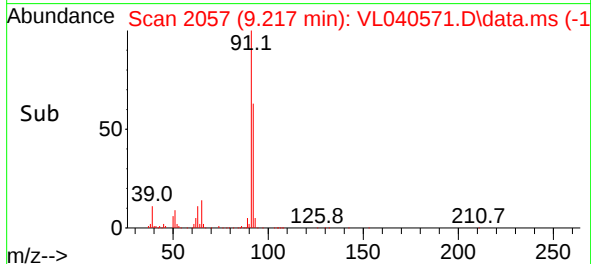
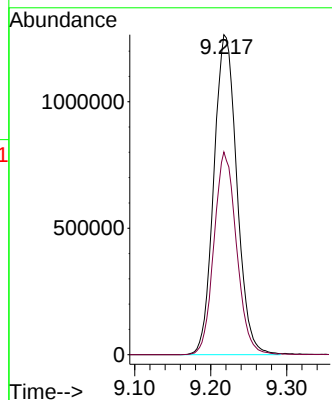
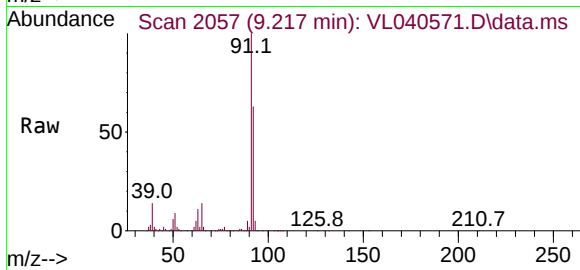
#53
Toluene
Concen: 10.814 ppbv
RT: 9.217 min Scan# 2060
Delta R.T. -0.013 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01

Tgt Ion: 91 Resp: 2659930
Ion Ratio Lower Upper
91 100
92 62.1 49.1 73.7

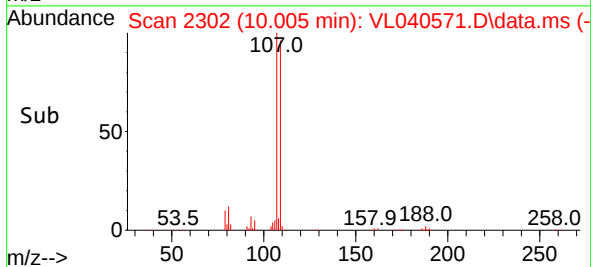
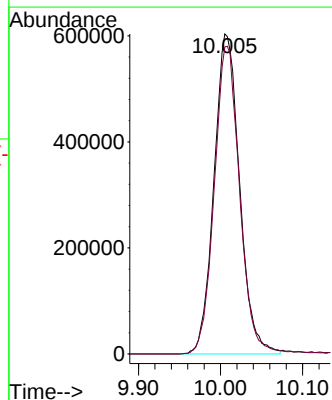
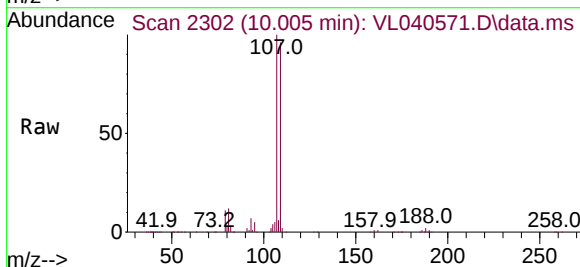
Manual Integrations
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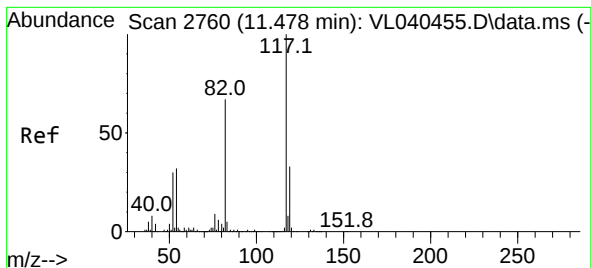
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#54
1,2-Dibromoethane
Concen: 10.939 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. -0.016 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Tgt Ion:107 Resp: 1307661
Ion Ratio Lower Upper
107 100
109 95.9 75.4 113.2





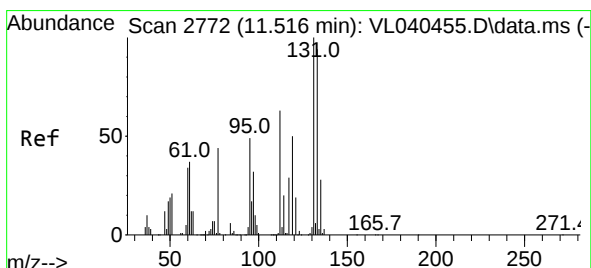
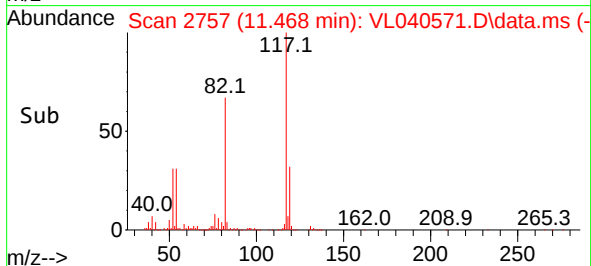
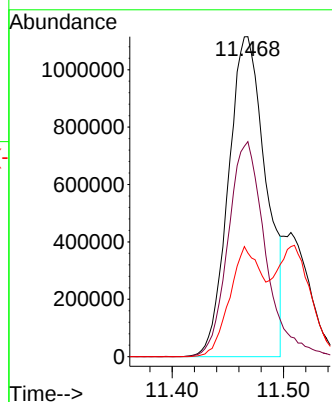
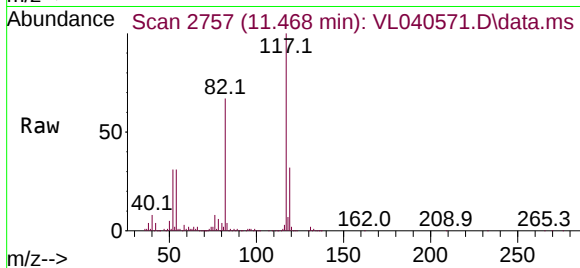
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. -0.010 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01

Tgt Ion:117 Resp: 2615010
Ion Ratio Lower Upper
117 100
82 67.3 50.2 75.4
119 33.0 26.9 40.3

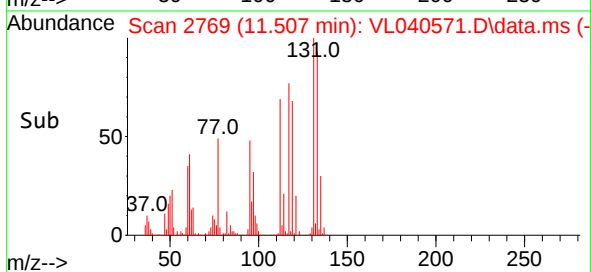
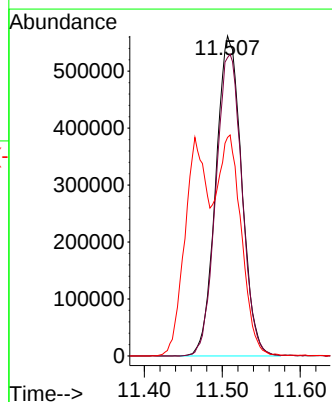
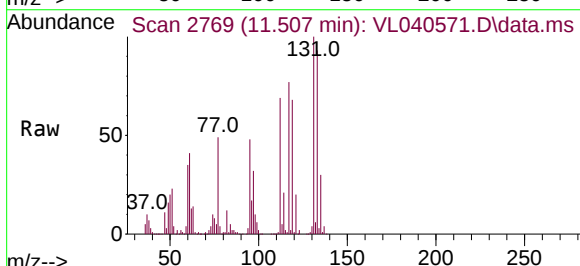
Manual Integrations
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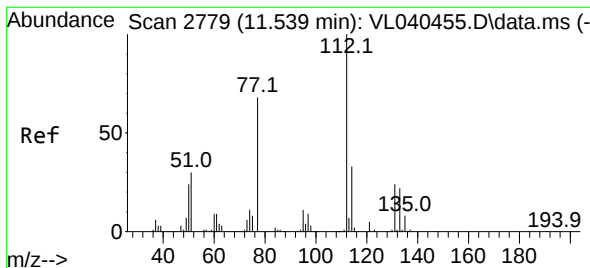
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 11.060 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. -0.013 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

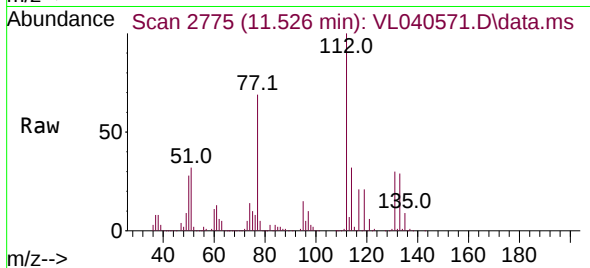
Tgt Ion:131 Resp: 1295219
Ion Ratio Lower Upper
131 100
133 95.6 76.3 114.5
119 68.3 51.1 76.7





#57
Chlorobenzene
Concen: 10.248 ppbv
RT: 11.526 min Scan# 211
Delta R.T. -0.010 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

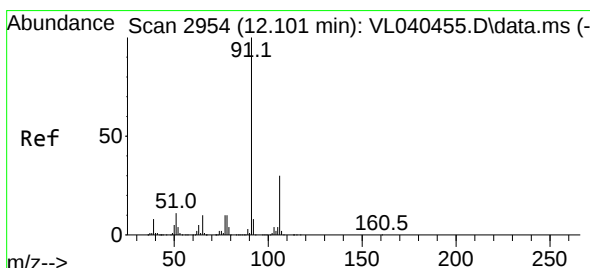
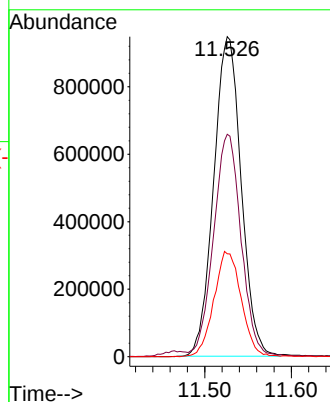
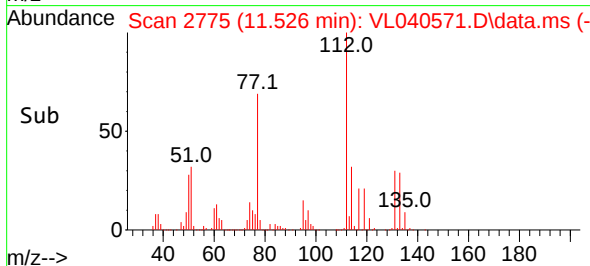
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



Tgt Ion:112 Resp: 2089940
Ion Ratio Lower Upper
112 100
77 68.9 51.0 76.6
114 32.2 28.3 34.5

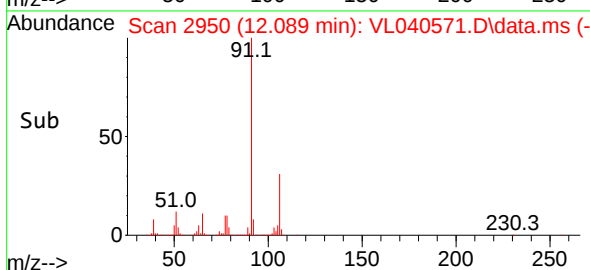
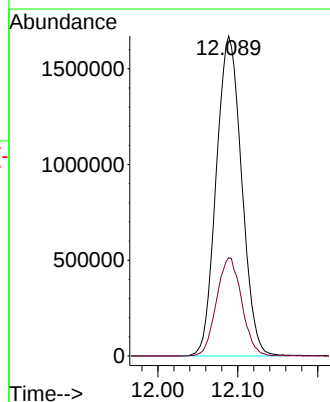
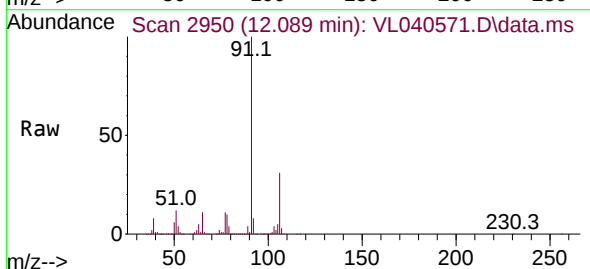
Manual Integrations
APPROVED

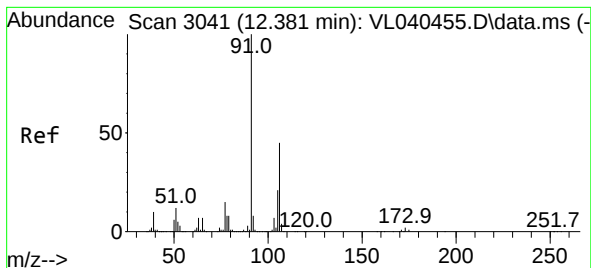
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#58
Ethyl Benzene
Concen: 11.216 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. -0.013 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Tgt Ion: 91 Resp: 3680820
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0





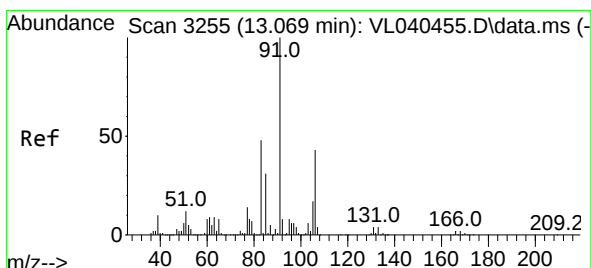
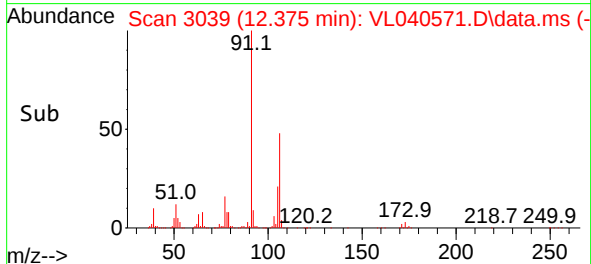
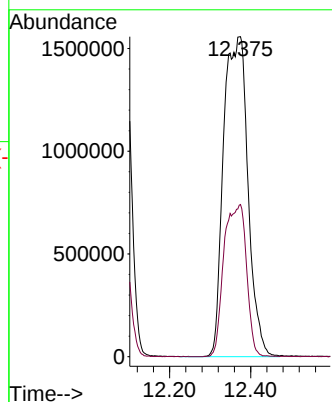
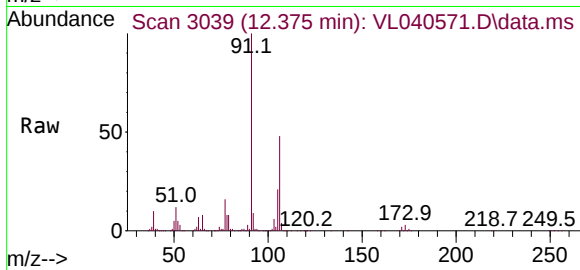
#59
m/p-Xylene
Concen: 22.226 ppbv m
RT: 12.375 min Scan# 3041
Delta R.T. -0.010 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01

Tgt Ion: 91 Resp: 651011
Ion Ratio Lower Upper
91 100
106 43.9 35.9 53.9

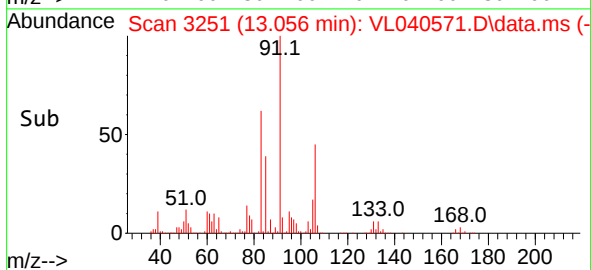
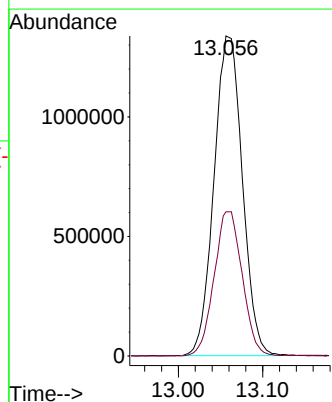
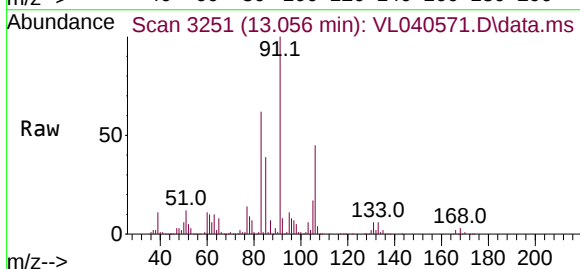
Manual Integrations
APPROVED

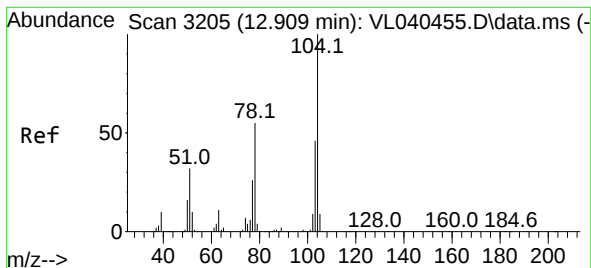
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#60
o-Xylene
Concen: 11.202 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. -0.013 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Tgt Ion: 91 Resp: 3125668
Ion Ratio Lower Upper
91 100
106 44.9 22.7 68.0





#61

Styrene

Concen: 11.926 ppbv

RT: 12.899 min Scan# 31

Delta R.T. -0.013 min

Lab File: VL040571.D

Acq: 31 Jul 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

Tgt Ion:104 Resp: 1535018

Ion Ratio Lower Upper

104 100

78 53.5 40.1 60.1

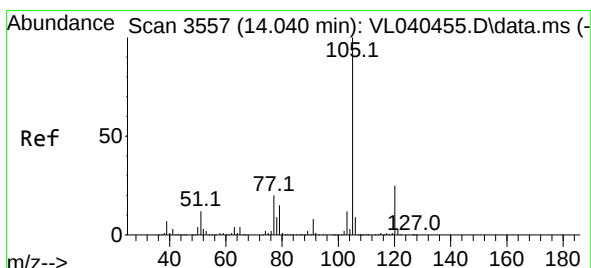
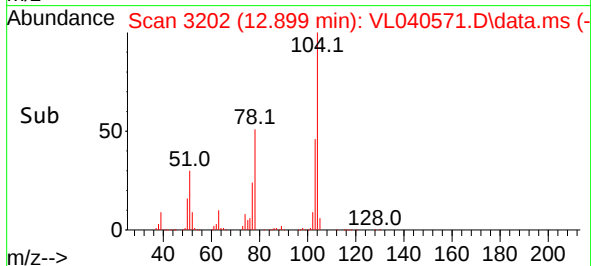
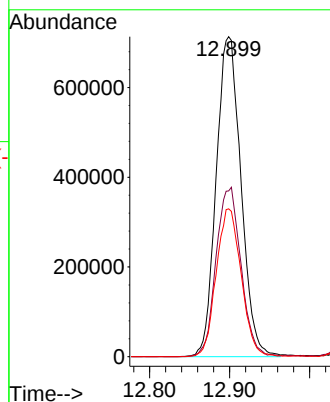
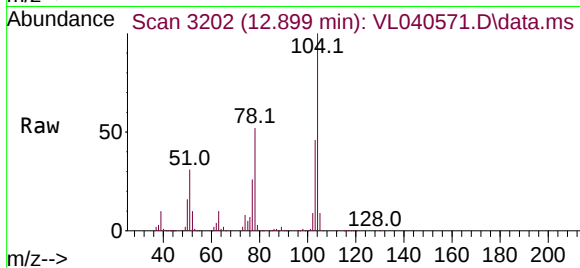
103 46.7 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#62

Isopropylbenzene

Concen: 10.811 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. -0.010 min

Lab File: VL040571.D

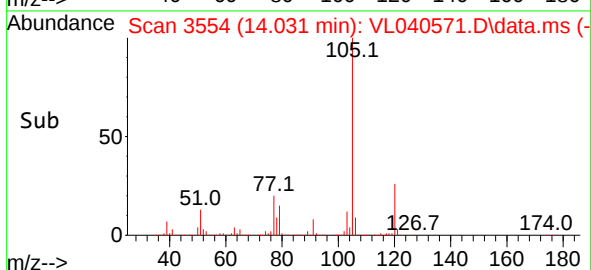
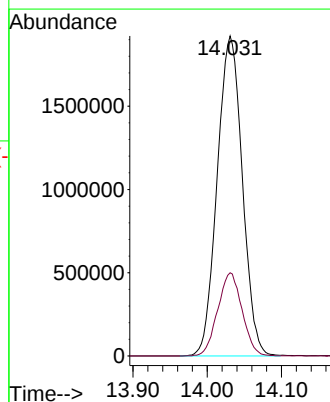
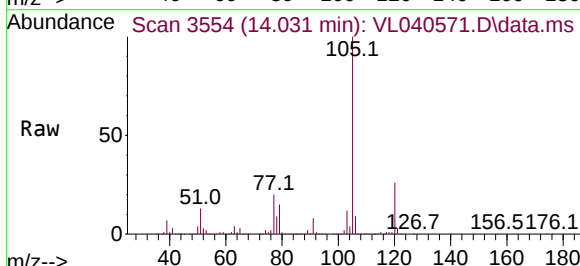
Acq: 31 Jul 2023 14:00

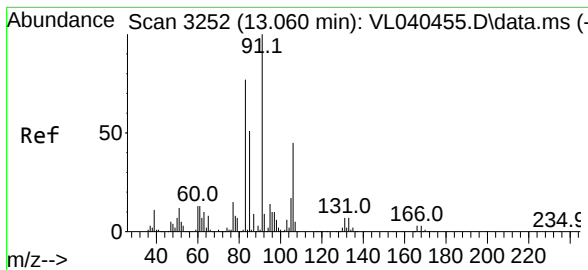
Tgt Ion:105 Resp: 4521204

Ion Ratio Lower Upper

105 100

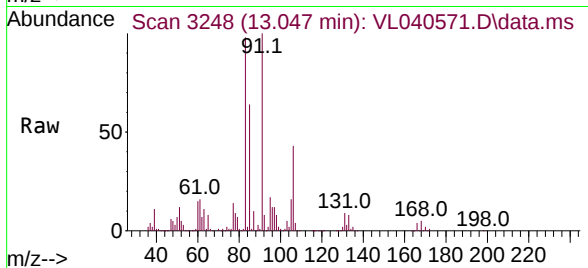
120 25.2 20.8 31.2





#63
1,1,2,2-Tetrachloroethane
Concen: 11.248 ppbv
RT: 13.047 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

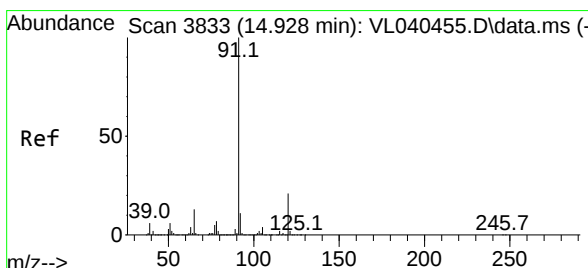
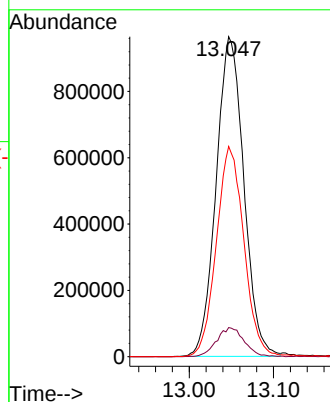
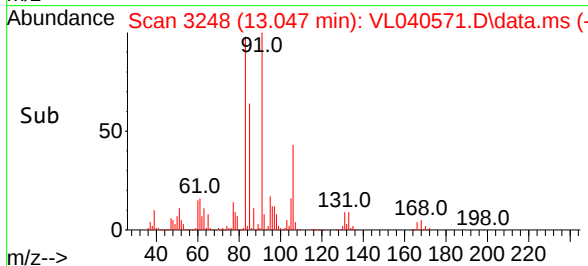
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



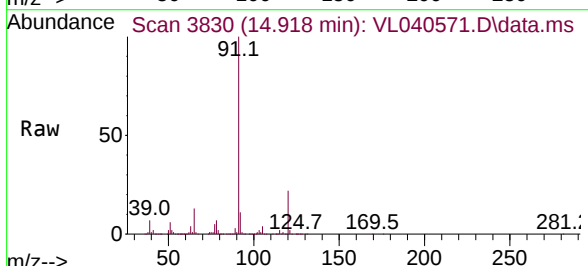
Tgt Ion: 83 Resp: 2197949
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 65.7 32.8 98.3

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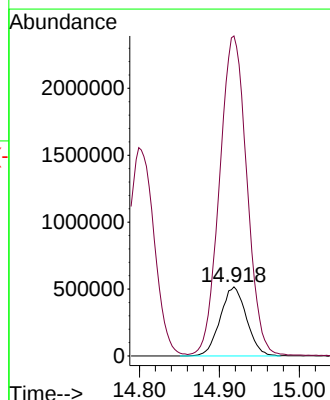
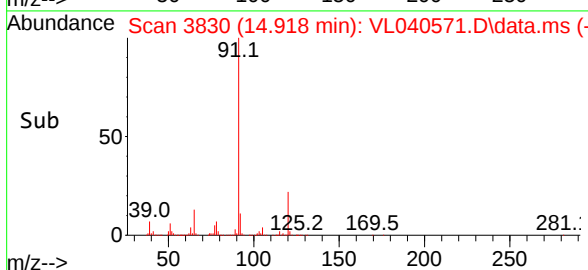
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

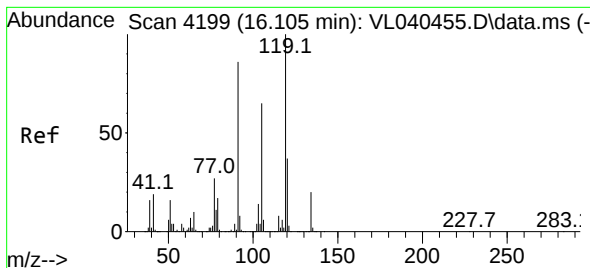


#64
n-propylbenzene
Concen: 10.854 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. -0.013 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00



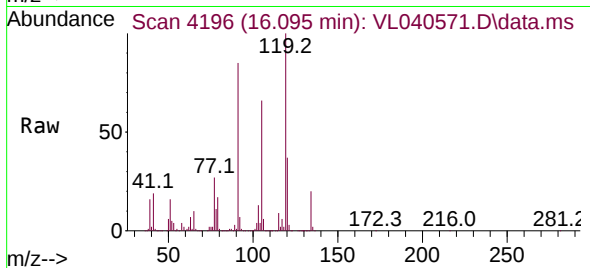
Tgt Ion:120 Resp: 1174426
Ion Ratio Lower Upper
120 100
91 484.7 374.3 561.5





#65
tert-Butylbenzene
Concen: 10.764 ppbv
RT: 16.095 min Scan# 4199
Delta R.T. -0.006 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

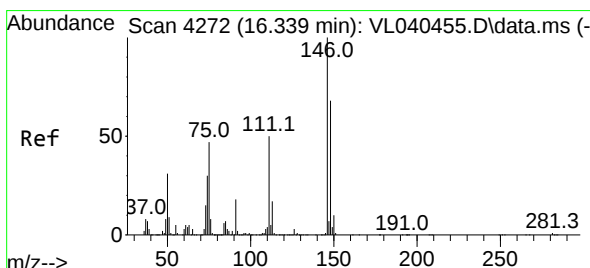
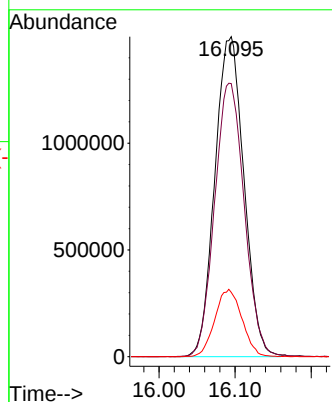
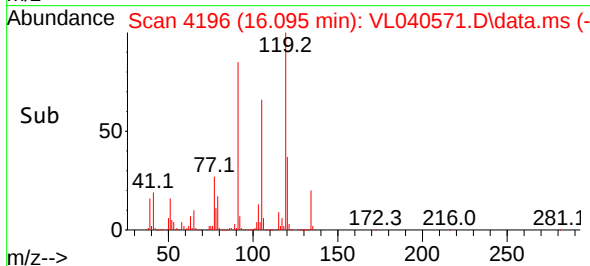
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



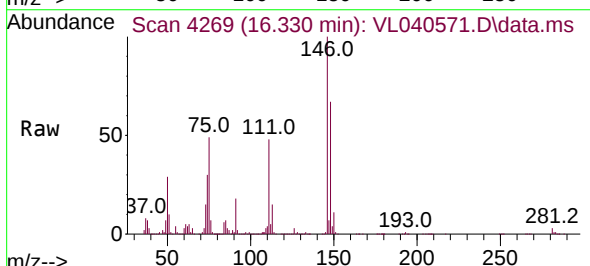
Tgt Ion:119 Resp: 3985138
Ion Ratio Lower Upper
119 100
91 87.2 66.1 99.1
134 19.7 15.7 23.5

Manual Integrations
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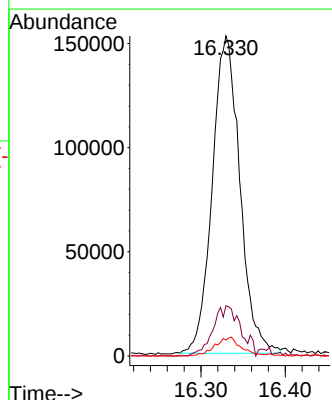
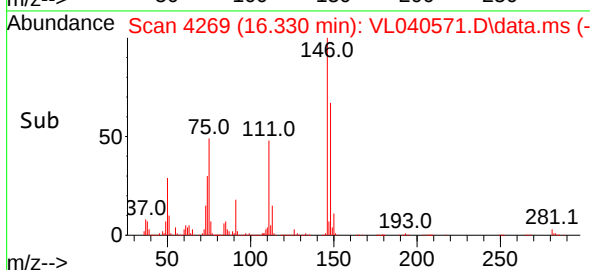
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

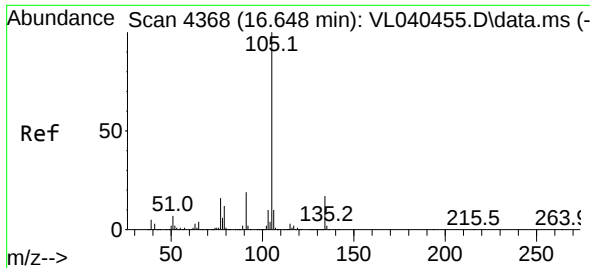


#66
Benzyl Chloride
Concen: 13.235 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. -0.006 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00



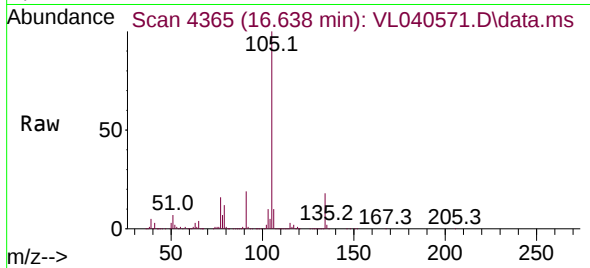
Tgt Ion: 91 Resp: 346644
Ion Ratio Lower Upper
91 100
126 17.3 15.4 23.2
128 5.7 4.5 6.7





#67
 sec-Butylbenzene
 Concen: 10.641 ppbv
 RT: 16.638 min Scan# 4365
 Delta R.T. -0.010 min
 Lab File: VL040571.D
 Acq: 31 Jul 2023 14:00

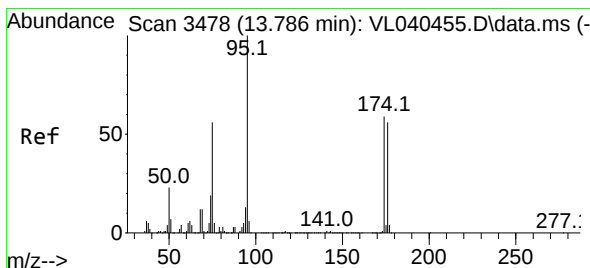
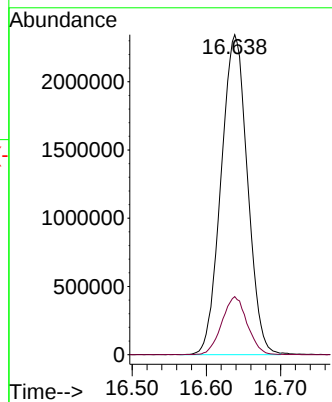
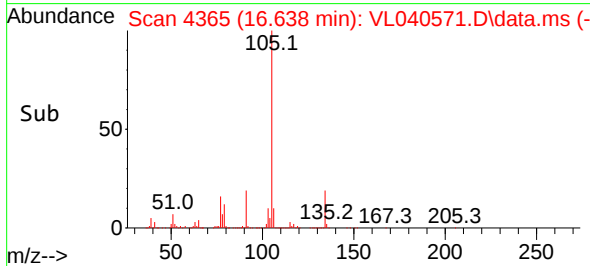
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0731ABS01



Tgt Ion:105 Resp: 5788639
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.4 21.6

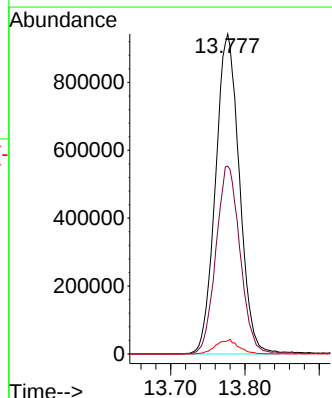
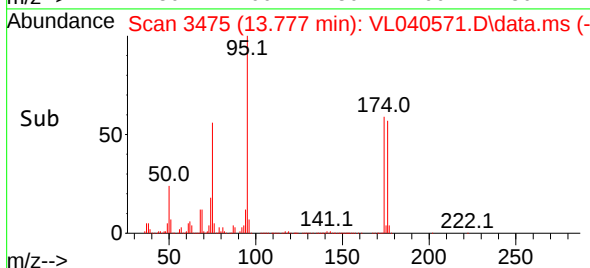
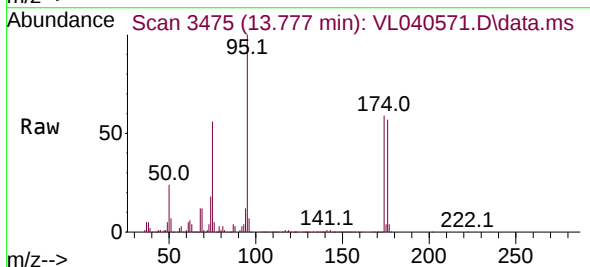
Manual Integrations
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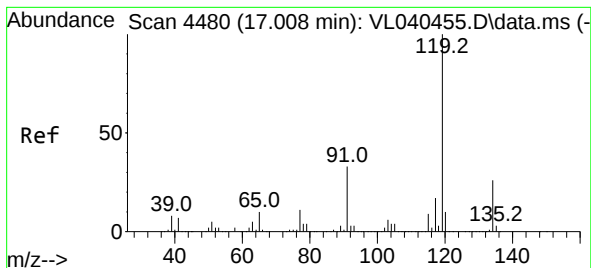
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.174 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. -0.006 min
 Lab File: VL040571.D
 Acq: 31 Jul 2023 14:00

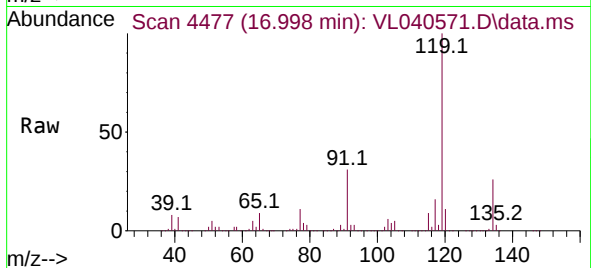
Tgt Ion: 95 Resp: 2105539
 Ion Ratio Lower Upper
 95 100
 174 59.6 50.6 75.8
 175 4.3 3.7 5.5





#69
p-Isopropyltoluene
Concen: 10.462 ppbv
RT: 16.998 min Scan# 4477
Delta R.T. -0.006 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

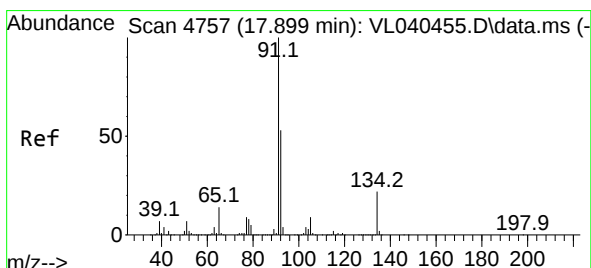
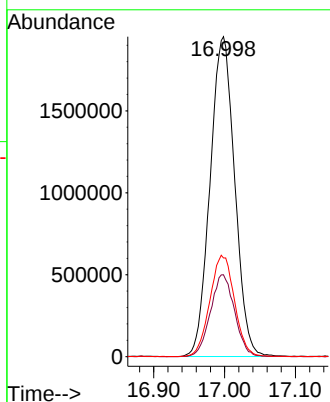
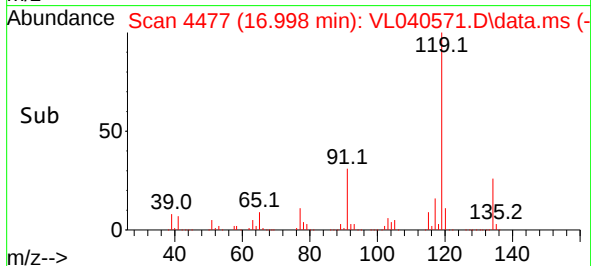
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



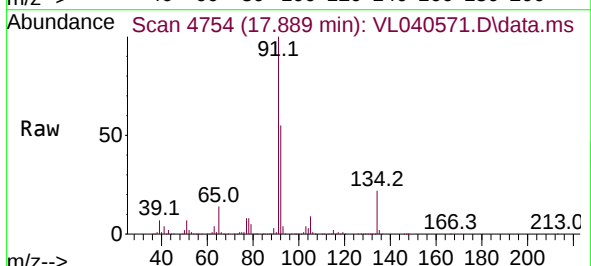
Tgt Ion:119 Resp: 470312
Ion Ratio Lower Upper
119 100
134 25.2 20.5 30.7
91 31.7 23.8 35.8

Manual Integrations
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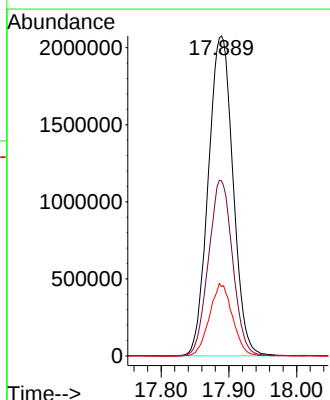
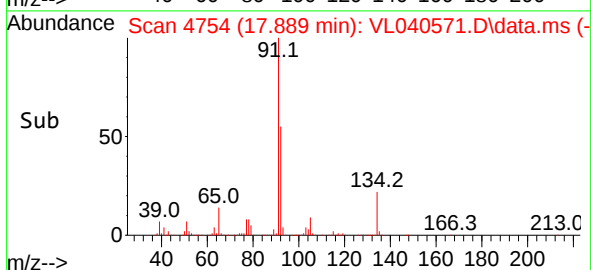
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

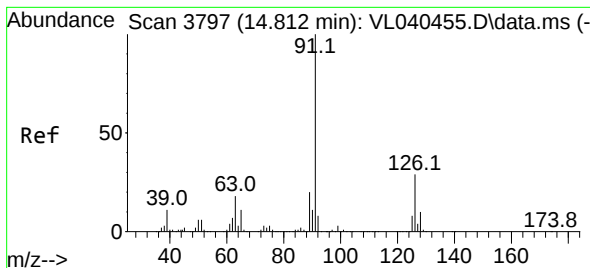


#70
n-Butylbenzene
Concen: 10.481 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. -0.006 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00



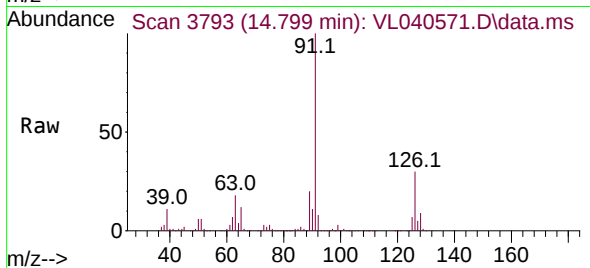
Tgt Ion: 91 Resp: 5254176
Ion Ratio Lower Upper
91 100
92 53.8 43.4 65.0
134 21.2 18.1 27.1





#71
2-Chlorotoluene
Concen: 11.117 ppbv
RT: 14.799 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

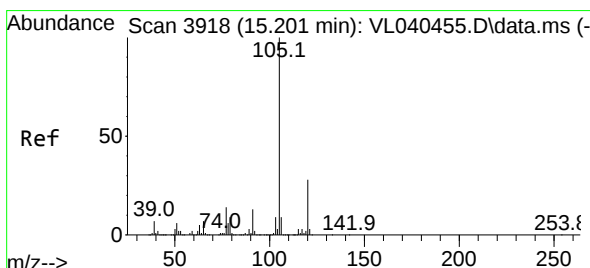
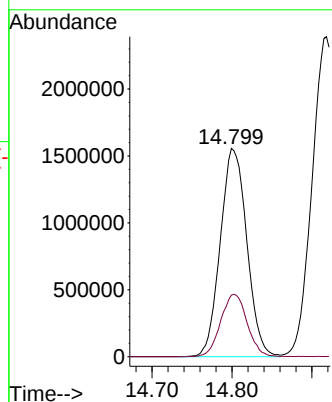
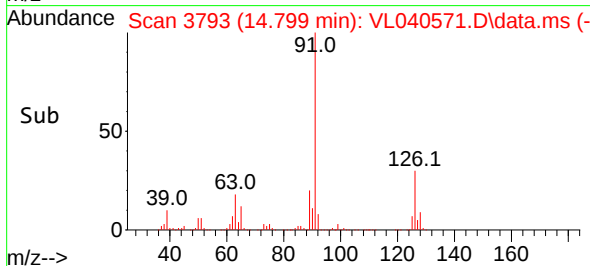
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



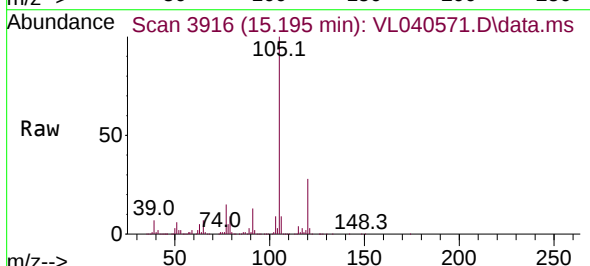
Tgt Ion: 91 Resp: 358310
Ion Ratio Lower Upper
91 100
126 29.9 12.4 49.8

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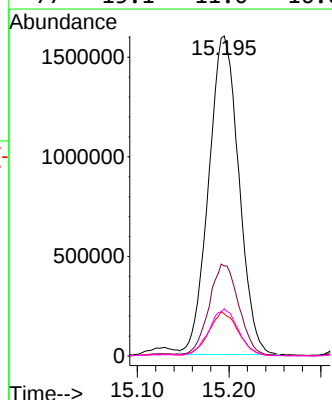
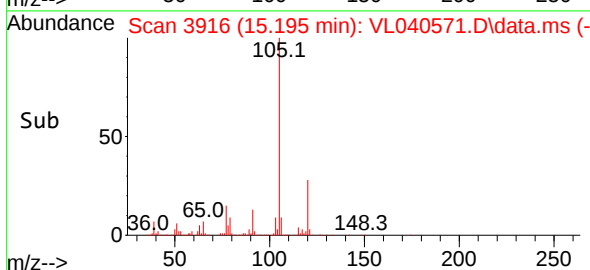
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

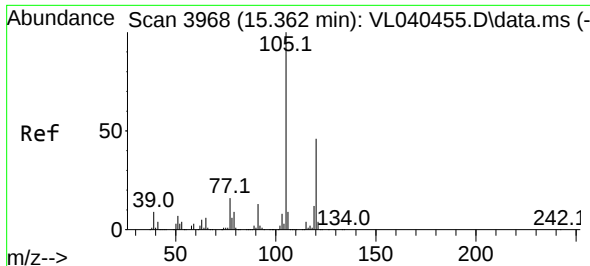


#72
4-Ethyltoluene
Concen: 11.179 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. -0.010 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00



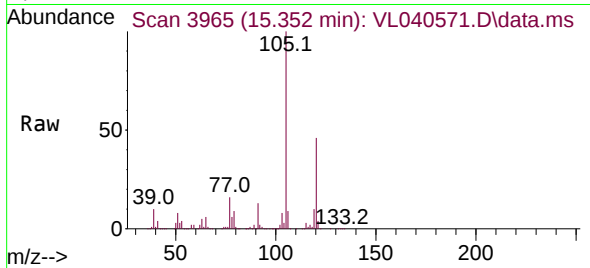
Tgt Ion:105 Resp: 3656515
Ion Ratio Lower Upper
105 100
120 29.6 24.6 37.0
91 13.6 10.7 16.1
77 15.1 11.0 16.6





#73
1,3,5-Trimethylbenzene
Concen: 11.000 ppbv
RT: 15.352 min Scan# 3968
Delta R.T. -0.010 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

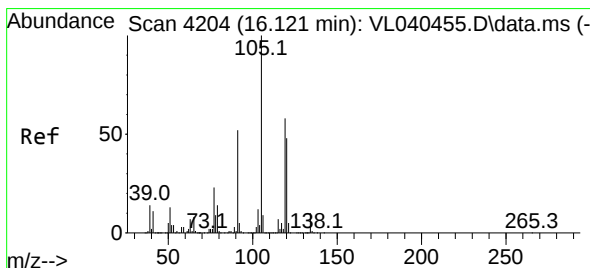
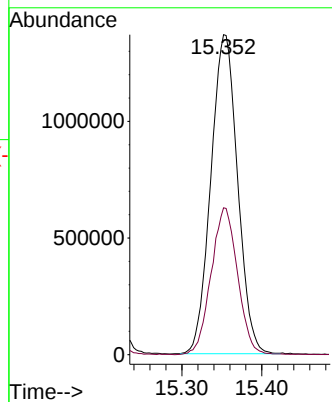
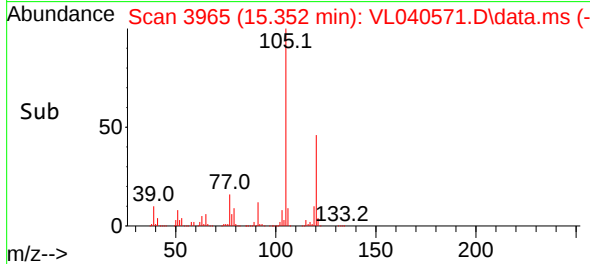
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



Tgt Ion:105 Resp: 3171378
Ion Ratio Lower Upper
105 100
120 46.0 38.2 57.2

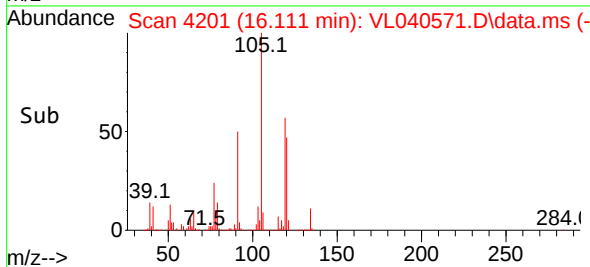
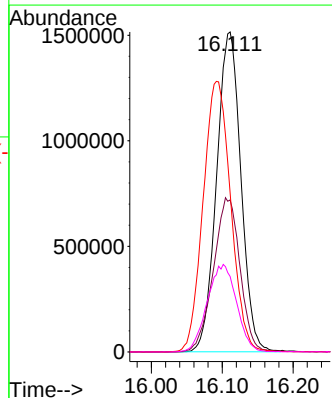
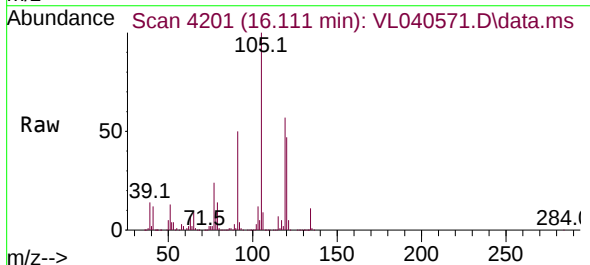
Manual Integrations
APPROVED

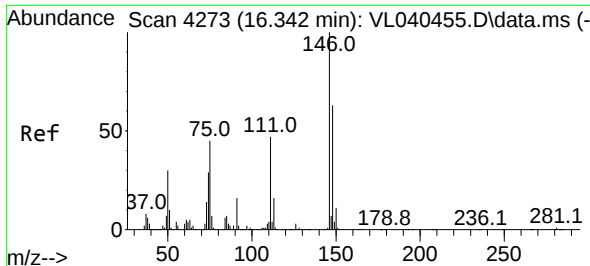
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#74
1,2,4-Trimethylbenzene
Concen: 10.751 ppbv
RT: 16.111 min Scan# 4201
Delta R.T. -0.006 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Tgt Ion:105 Resp: 3613903
Ion Ratio Lower Upper
105 100
120 47.4 40.3 60.5
91 49.5 46.8 70.2
77 23.5 18.6 28.0





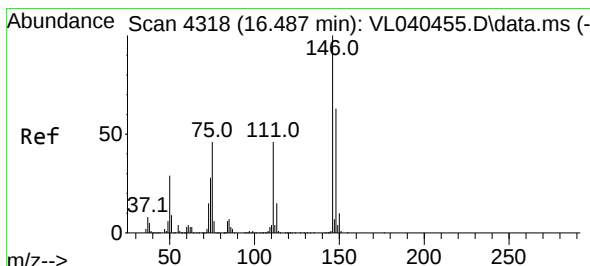
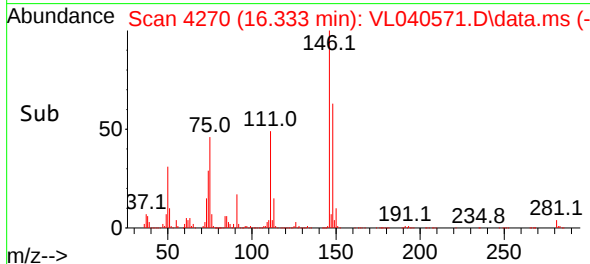
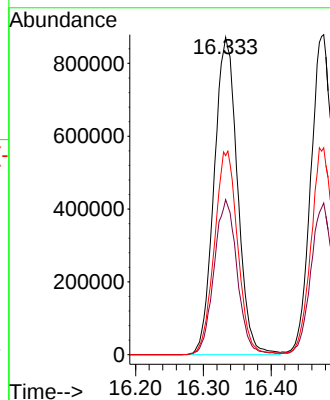
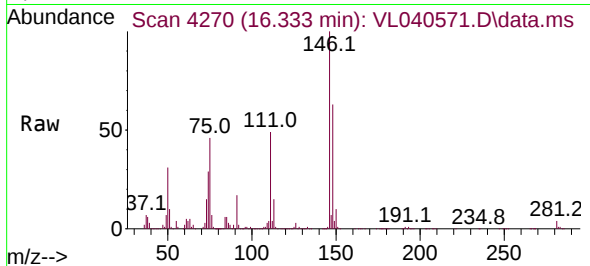
#75
1,3-Dichlorobenzene
Concen: 10.236 ppbv
RT: 16.333 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01

Tgt Ion:146 Resp: 208605
Ion Ratio Lower Upper
146 100
111 48.5 23.6 71.0
148 64.1 32.2 96.6

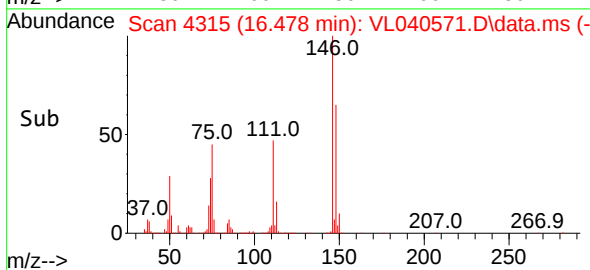
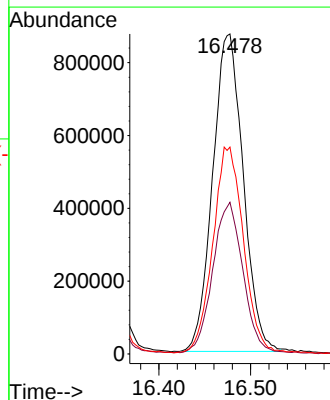
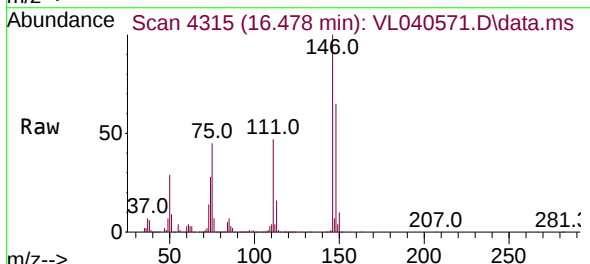
Manual Integrations
APPROVED

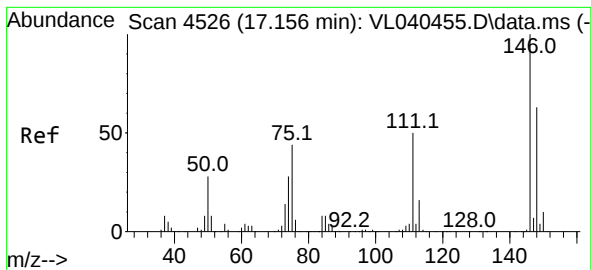
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#76
1,4-Dichlorobenzene
Concen: 10.094 ppbv
RT: 16.478 min Scan# 4315
Delta R.T. -0.010 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

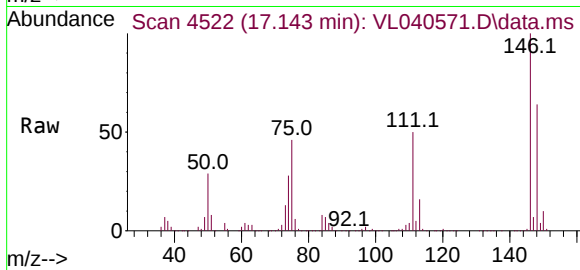
Tgt Ion:146 Resp: 2017143
Ion Ratio Lower Upper
146 100
111 47.9 22.8 68.3
148 65.8 32.6 97.8





#77
1,2-Dichlorobenzene
Concen: 10.152 ppbv
RT: 17.143 min Scan# 4526
Delta R.T. -0.010 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

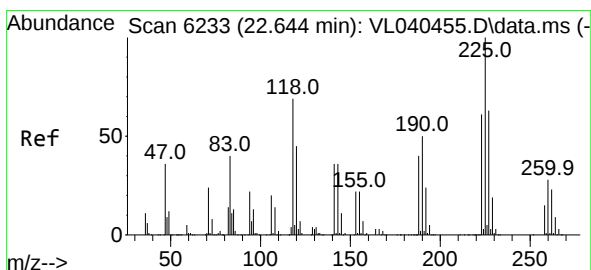
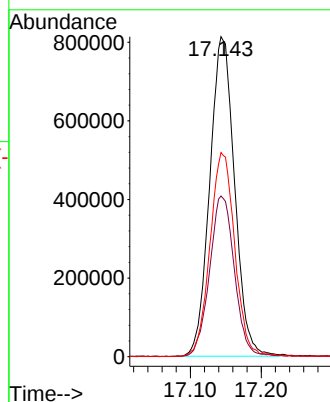
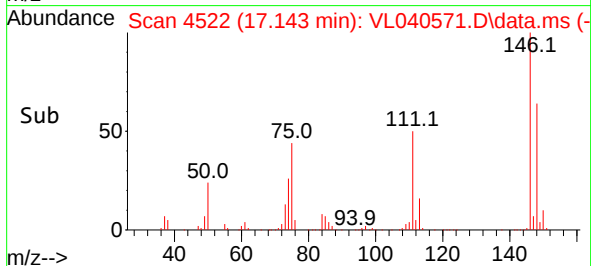
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



Tgt Ion:146 Resp: 197826
Ion Ratio Lower Upper
146 100
111 50.2 24.3 72.8
148 64.0 32.1 96.3

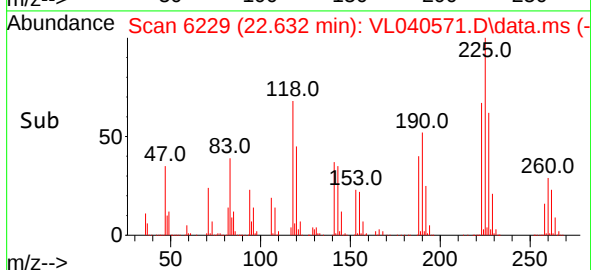
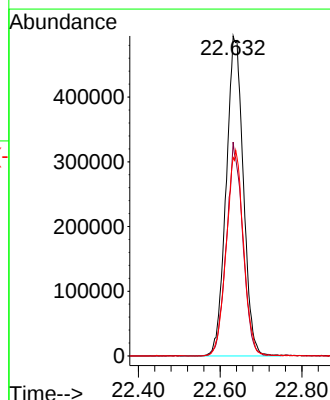
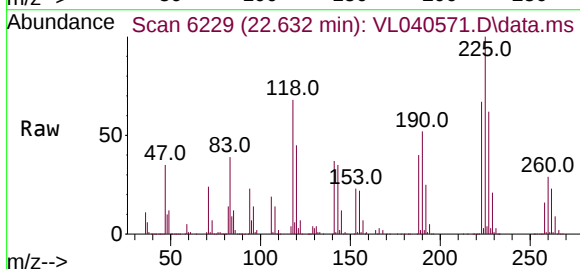
Manual Integrations
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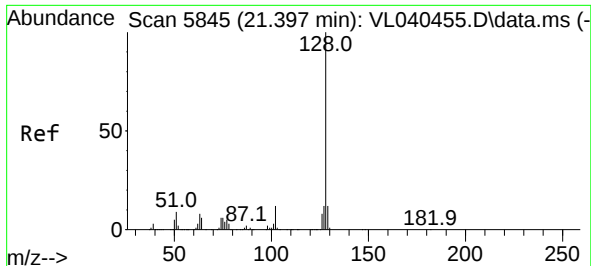
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#78
Hexachloro-1,3-Butadiene
Concen: 7.882 ppbv m
RT: 22.632 min Scan# 6229
Delta R.T. -0.016 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

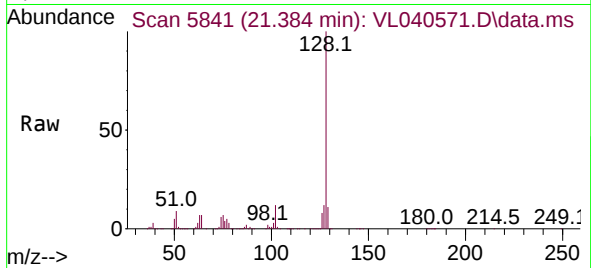
Tgt Ion:225 Resp: 1442424
Ion Ratio Lower Upper
225 100
223 63.5 50.3 75.5
227 0.0 51.0 76.6#





#79
Naphthalene
Concen: 10.580 ppbv
RT: 21.384 min Scan# 5845
Delta R.T. -0.010 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

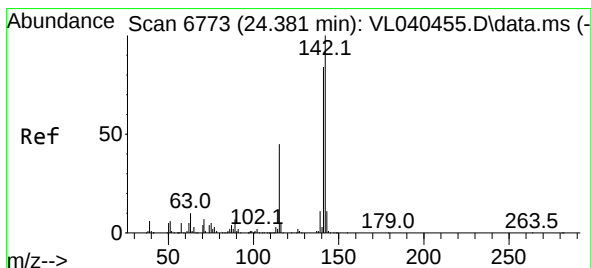
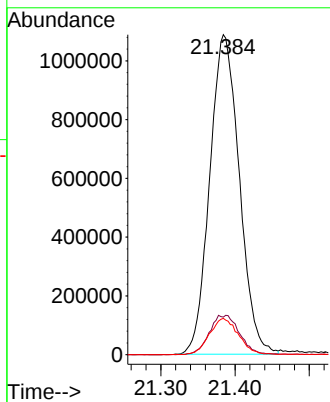
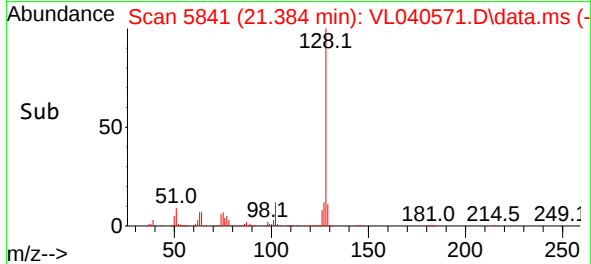
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



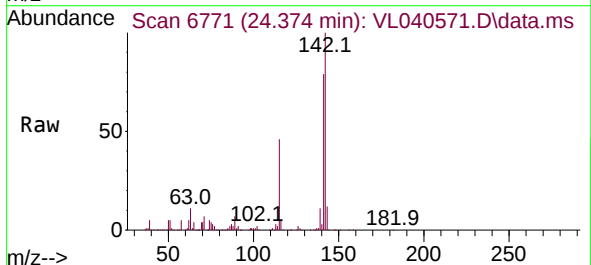
Tgt Ion:128 Resp: 300896
Ion Ratio Lower Upper
128 100
127 11.7 10.7 16.1
129 11.3 9.2 13.8

Manual Integrations
APPROVED

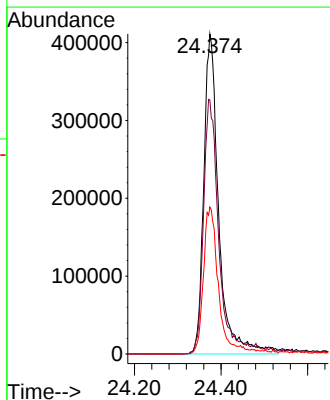
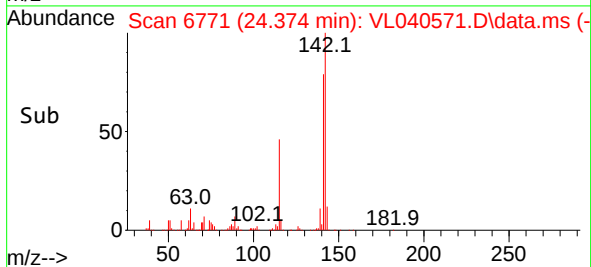
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

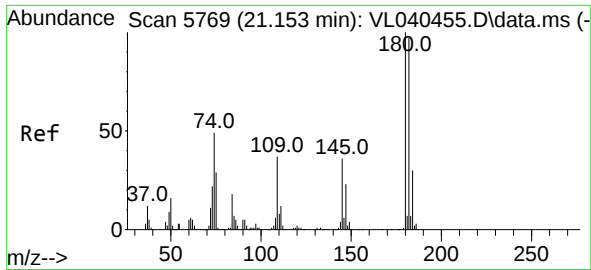


#80
Naphthalene,2-methyl-
Concen: 8.414 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. -0.003 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00



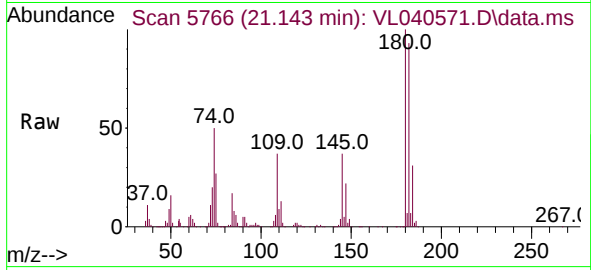
Tgt Ion:142 Resp: 986699
Ion Ratio Lower Upper
142 100
141 84.6 66.7 100.1
115 47.0 33.0 49.6





#81
1,2,4-Trichlorobenzene
Concen: 8.902 ppbv
RT: 21.143 min Scan# 51
Delta R.T. -0.006 min
Lab File: VL040571.D
Acq: 31 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



Tgt Ion:180 Resp: 1744758
Ion Ratio Lower Upper
180 100
182 96.2 77.5 116.3
184 30.9 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

