

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060523\
 Data File : VL040457.D
 Acq On : 5 Jun 2023 15:27
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023

Quant Time: Jun 06 05:57:53 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M

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

QLast Update : Tue Jun 06 05:55:55 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1068938	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2717884	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2439425	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.786 95 2006939 9.968 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.716	85	255745	1.099	ppbv	98
3) Chlorodifluoromethane	2.661	51	188976	1.079	ppbv	98
4) Chloromethane	2.800	50	70151	1.035	ppbv	92
5) Vinyl Chloride	2.906	62	72001	1.038	ppbv	97
6) Bromomethane	3.108	94	36665	1.036	ppbv	99
7) Chloroethane	3.185	64	25554	1.006	ppbv	90
8) Dichlorotetrafluoroethane	2.845	85	192067	1.045	ppbv	98
9) Propene	2.677	41	53302	0.987	ppbv	94
10) Heptane	7.584	43	117215	0.959	ppbv	97
11) Trichlorofluoromethane	3.555	101	200552	1.059	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.060	101	136792	1.034	ppbv	98
13) Ethanol	3.240	45	12114m	1.154	ppbv	
14) Bromoethene	3.359	108	54303	0.981	ppbv	97
15) Acetone	3.468	43	143483	1.113	ppbv	96
16) 1,3-Butadiene	2.973	39	58614	0.927	ppbv	87
17) tert-Butyl alcohol	3.877	59	114576	1.064	ppbv	98
18) 1,1-Dichloroethene	3.873	96	59406	1.007	ppbv	96
19) Isopropyl Alcohol	3.578	45	65755	1.058	ppbv #	96
20) Methylene Chloride	3.925	84	62133	1.113	ppbv	99
21) Allyl Chloride	3.989	41	73005	1.002	ppbv	95
22) trans-1,2-Dichloroethene	4.443	96	59912	0.990	ppbv	96
23) Vinyl Acetate	4.623	43	121642	0.970	ppbv	97
24) 1,1-Dichloroethane	4.558	63	135402	1.072	ppbv	98
25) Ethyl Acetate	5.208	43	242286	1.037	ppbv	98
26) Hexane	5.208	57	121623	1.099	ppbv	92
27) Carbon Disulfide	4.118	76	127739	0.923	ppbv #	92
28) Methyl tert-Butyl Ether	4.587	73	81410	0.938	ppbv	93
29) Chloroform	5.269	83	196452	1.042	ppbv	99
30) Cyclohexane	6.603	84	94441m	1.147	ppbv	
31) cis-1,2-Dichloroethene	5.076	61	107937	1.020	ppbv	91
32) 1,1,1-Trichloroethane	6.005	97	197523	1.053	ppbv	98
34) 2-Butanone	4.793	43	130982	0.999	ppbv	95
35) Carbon Tetrachloride	6.491	117	188423	1.008	ppbv	91
36) Benzene	6.372	78	215719	0.998	ppbv	97
37) 1,2-Dichloroethane	5.806	62	137510	0.976	ppbv	99
38) Trichloroethene	7.295	130	86718	1.044	ppbv	97
39) 1,2-Dichloropropane	7.073	63	79226	0.939	ppbv	94
40) 1,4-Dioxane	7.323	88	24080m	1.043	ppbv	
41) Tetrahydrofuran	5.574	42	66738	0.938	ppbv	96
42) Bromodichloromethane	7.250	83	197108	1.016	ppbv	95
43) Methyl Methacrylate	7.484	69	69341	0.893	ppbv	90
44) 2,2,4-Trimethylpentane	7.327	57	365794m	1.036	ppbv	
45) t-1,3-Dichloropropene	8.716	75	45058	0.784	ppbv	92

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Instrument :
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 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/06/2023
 Supervised By : Mahesh Dadoda 06/06/2023

Quant Time: Jun 06 05:57:53 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M

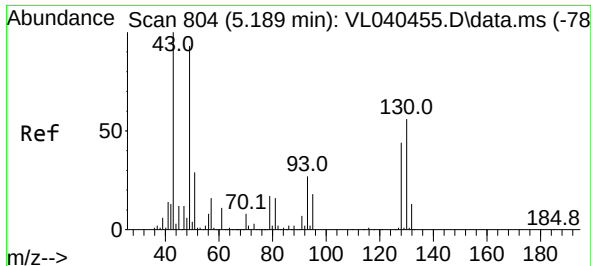
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jun 06 05:55:55 2023

Response via : Initial Calibration

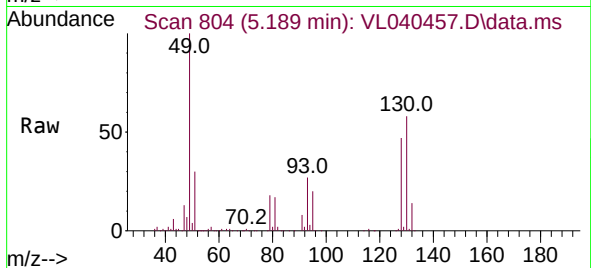
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	63282m	0.912	ppbv	
47) 1,1,2-Trichloroethane	8.902	97	89384	0.977	ppbv	96
48) Dibromochloromethane	9.716	129	137669	0.940	ppbv	96
49) Bromoform	12.413	173	101516	0.919	ppbv	99
50) 4-Methyl-2-Pentanone	8.198	43	163680	0.937	ppbv	99
51) 2-Hexanone	9.577	43	114867m	0.949	ppbv	
52) Tetrachloroethene	10.619	164	70998	1.046	ppbv	93
53) Toluene	9.230	91	217816	0.957	ppbv	98
54) 1,2-Dibromoethane	10.018	107	120382	1.000	ppbv	91
56) 1,1,1,2-Tetrachloroethane	11.516	131	119727	1.044	ppbv #	1
57) Chlorobenzene	11.536	112	186268	1.010	ppbv #	95
58) Ethyl Benzene	12.095	91	293942m	0.995	ppbv	
59) m/p-Xylene	12.381	91	550145m	2.031	ppbv	
60) o-Xylene	13.069	91	260028	1.009	ppbv	97
61) Styrene	12.912	104	96299	0.869	ppbv	98
62) Isopropylbenzene	14.040	105	385291	1.006	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.056	83	174871	1.034	ppbv	98
64) n-propylbenzene	14.928	120	98008m	1.093	ppbv	
65) tert-Butylbenzene	16.104	119	337700m	1.020	ppbv	
66) Benzyl Chloride	16.336	91	22539m	0.917	ppbv	
67) sec-Butylbenzene	16.648	105	484301	1.011	ppbv	97
69) p-Isopropyltoluene	17.008	119	381218	1.002	ppbv	97
70) n-Butylbenzene	17.902	91	427871	1.007	ppbv	97
71) 2-Chlorotoluene	14.815	91	274836	0.966	ppbv	100
72) 4-Ethyltoluene	15.204	105	278957	0.961	ppbv	98
73) 1,3,5-Trimethylbenzene	15.362	105	255790	0.997	ppbv	94
74) 1,2,4-Trimethylbenzene	16.117	105	307312	1.018	ppbv	94
75) 1,3-Dichlorobenzene	16.346	146	166640	0.987	ppbv	98
76) 1,4-Dichlorobenzene	16.481	146	155576	0.930	ppbv	90
77) 1,2-Dichlorobenzene	17.159	146	161985	1.000	ppbv	97
78) Hexachloro-1,3-Butadiene	22.644	225	128387	1.037	ppbv	98
79) Naphthalene	21.403	128	167503	0.968	ppbv	94
80) Naphthalene,2-methyl-	24.384	142	32574m	0.669	ppbv	
81) 1,2,4-Trichlorobenzene	21.159	180	112410m	0.937	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

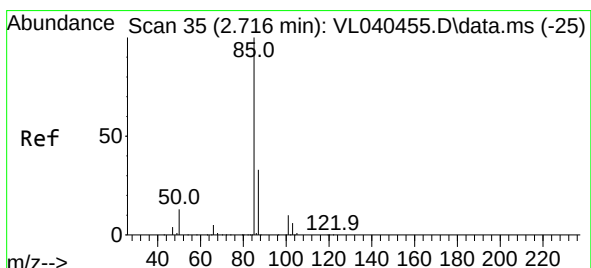
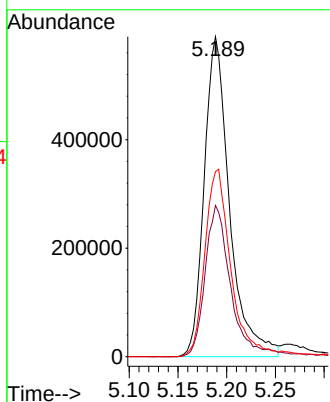
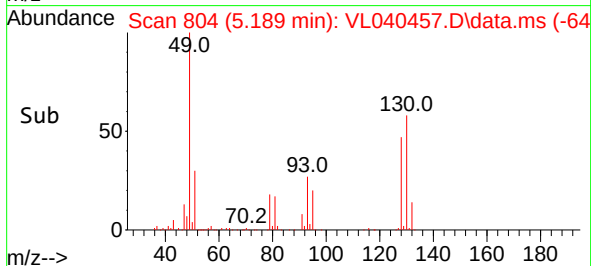
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 49 Resp: 1068938
Ion Ratio Lower Upper
49 100
128 49.2 24.7 74.1
130 62.2 31.4 94.2

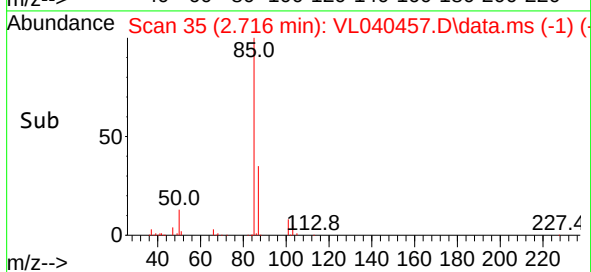
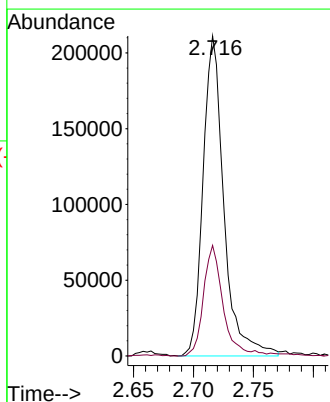
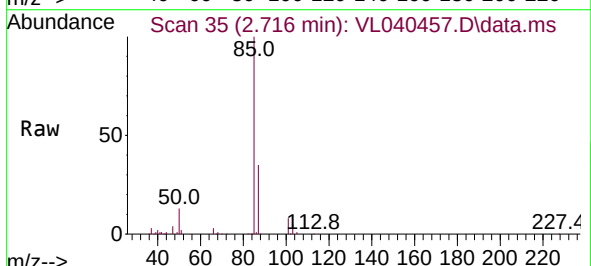
Manual Integrations
APPROVED

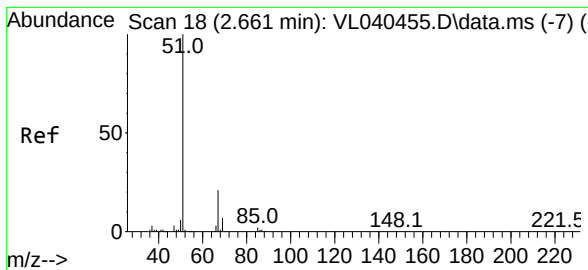
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#2
Dichlorodifluoromethane
Concen: 1.099 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

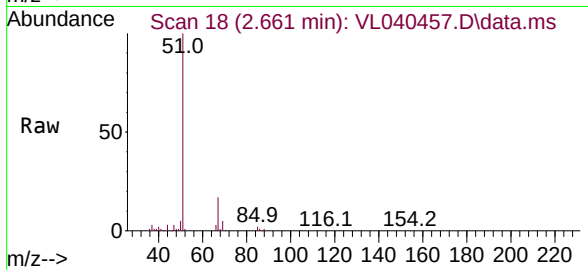
Tgt Ion: 85 Resp: 255745
Ion Ratio Lower Upper
85 100
87 34.6 26.6 39.8





#3
Chlorodifluoromethane
Concen: 1.079 ppbv
RT: 2.661 min Scan# 18
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

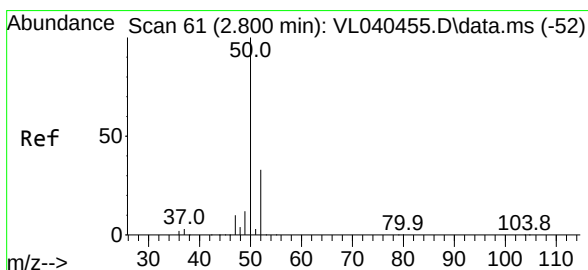
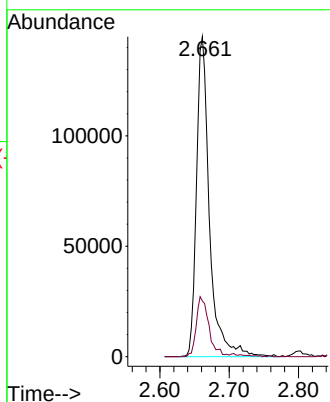
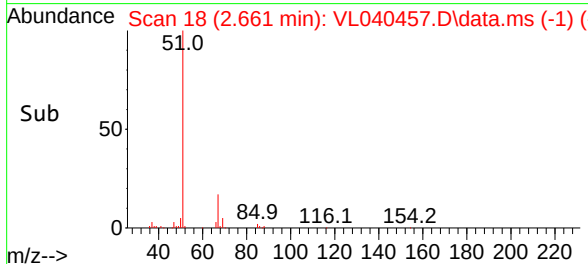
Instrument : MSVOA_L
ClientSampleId : VSTDIC001



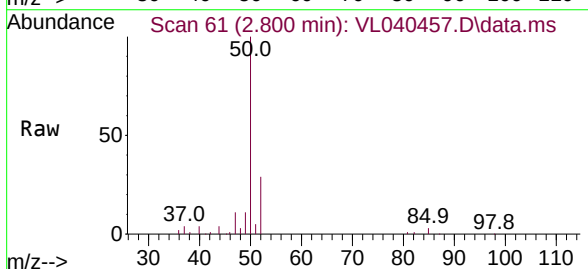
Tgt Ion: 51 Resp: 188970
Ion Ratio Lower Upper
51 100
67 19.3 16.3 24.5

Manual Integrations
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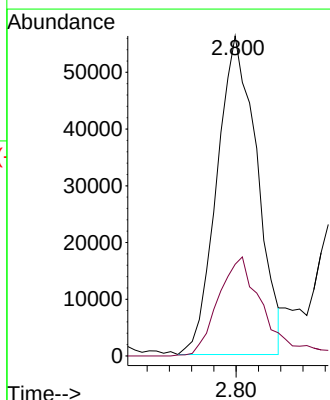
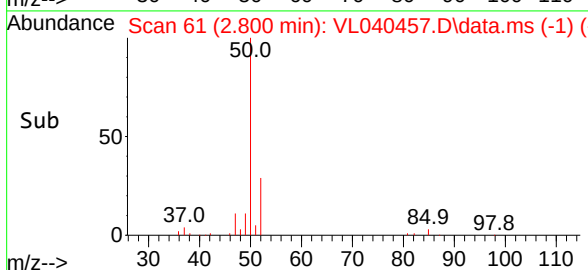
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

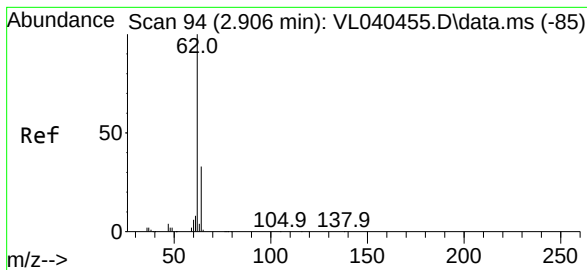


#4
Chloromethane
Concen: 1.035 ppbv
RT: 2.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27



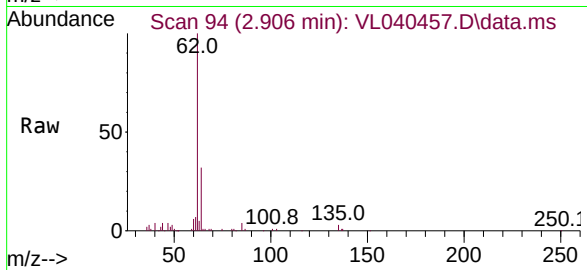
Tgt Ion: 50 Resp: 70151
Ion Ratio Lower Upper
50 100
52 28.5 26.3 39.5





#5
 Vinyl Chloride
 Concen: 1.038 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. -0.000 min
 Lab File: VL040457.D
 Acq: 5 Jun 2023 15:27

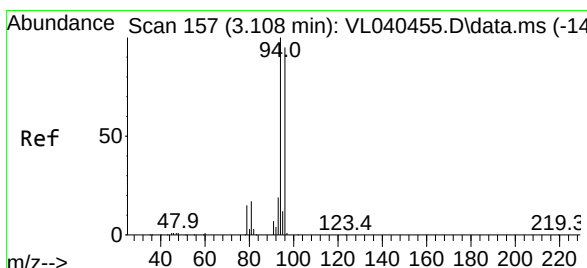
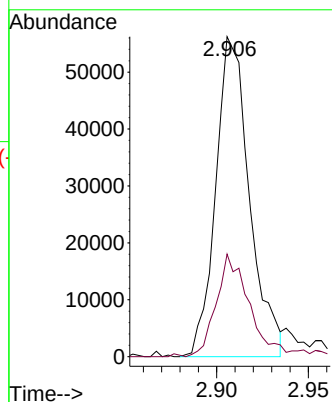
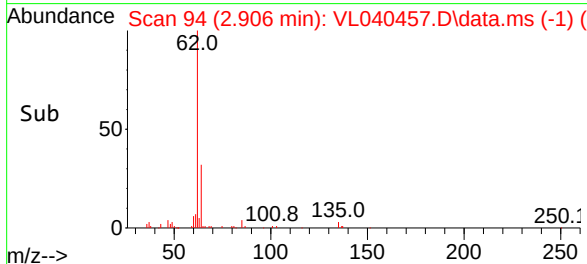
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



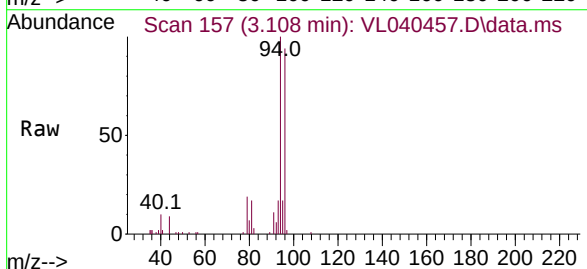
Tgt Ion: 62 Resp: 7200
 Ion Ratio Lower Upper
 62 100
 64 31.6 26.8 40.2

Manual Integrations
 APPROVED

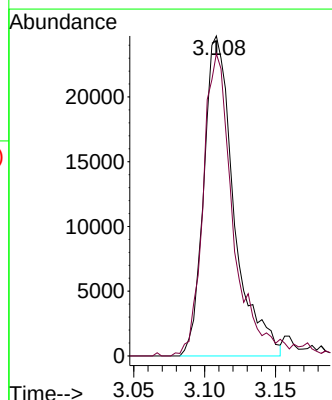
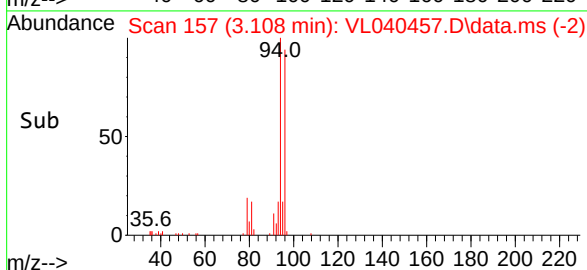
Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023

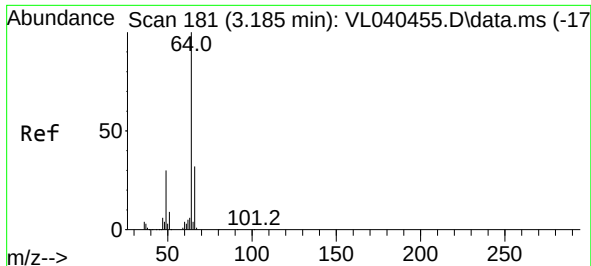


#6
 Bromomethane
 Concen: 1.036 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.000 min
 Lab File: VL040457.D
 Acq: 5 Jun 2023 15:27



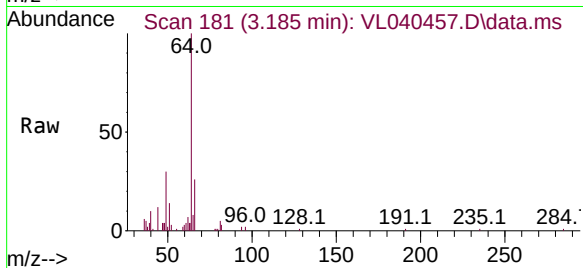
Tgt Ion: 94 Resp: 36665
 Ion Ratio Lower Upper
 94 100
 96 93.6 75.8 113.8





#7
Chloroethane
Concen: 1.006 ppbv
RT: 3.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

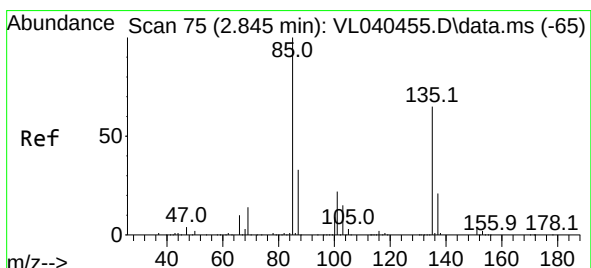
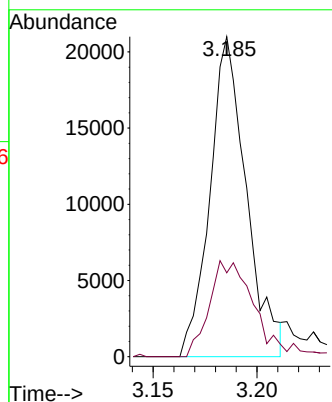
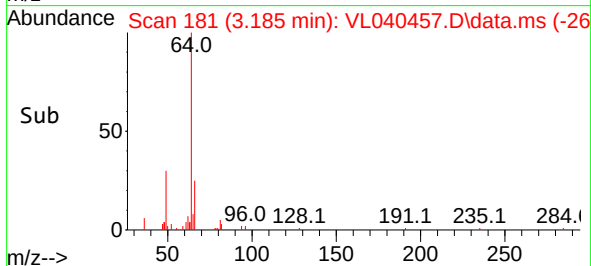
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



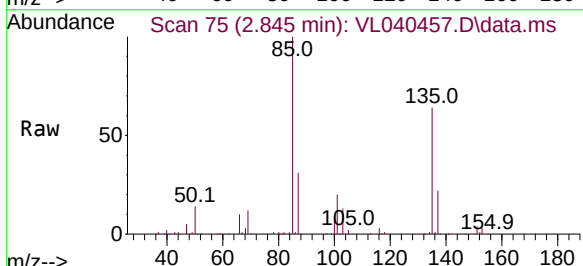
Tgt Ion: 64 Resp: 25554
Ion Ratio Lower Upper
64 100
66 26.2 25.6 38.4

Manual Integrations
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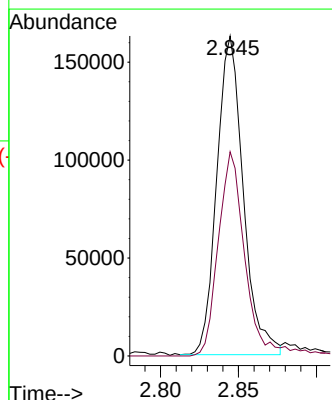
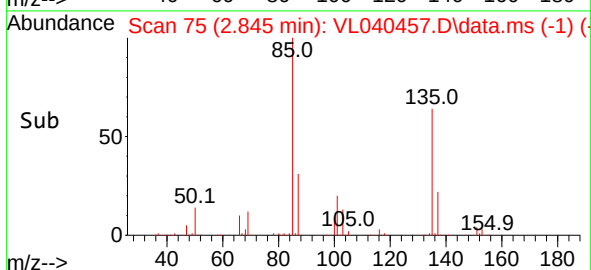
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

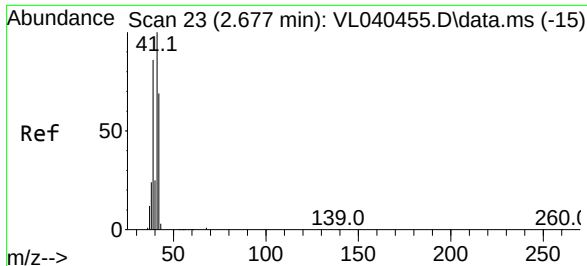


#8
Dichlorotetrafluoroethane
Concen: 1.045 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27



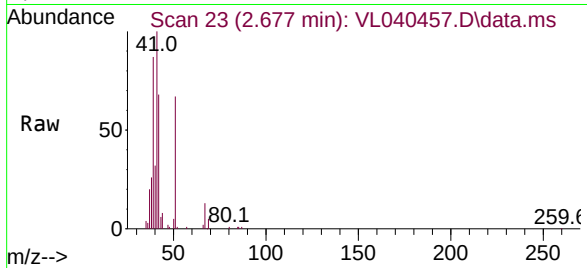
Tgt Ion: 85 Resp: 192067
Ion Ratio Lower Upper
85 100
135 66.5 52.0 78.0





#9
 Propene
 Concen: 0.987 ppbv
 RT: 2.677 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VL040457.D
 Acq: 5 Jun 2023 15:27

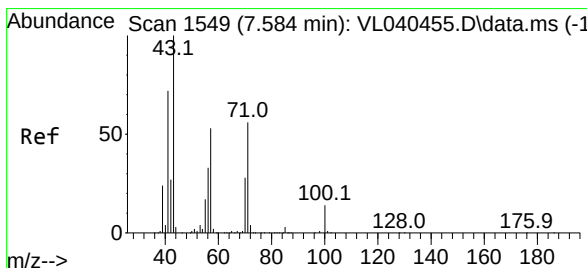
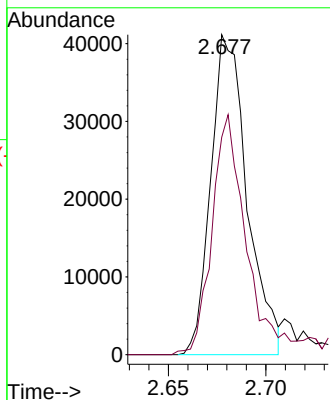
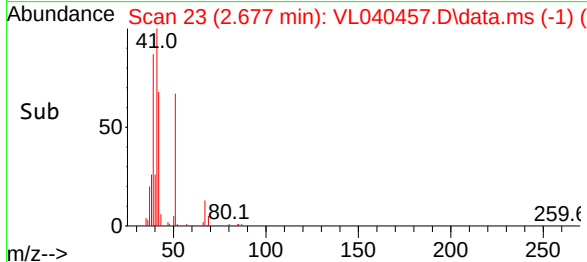
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



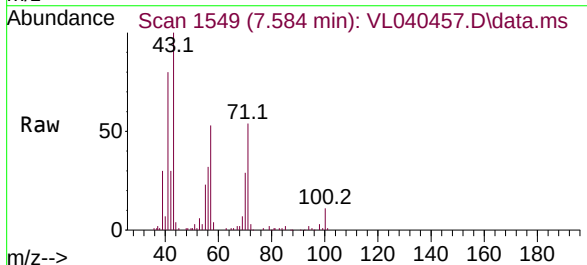
Tgt Ion: 41 Resp: 53302
 Ion Ratio Lower Upper
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 42 75.2 56.2 84.2

Manual Integrations
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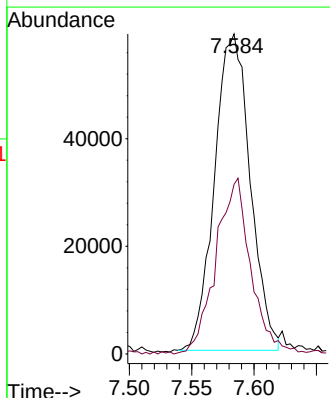
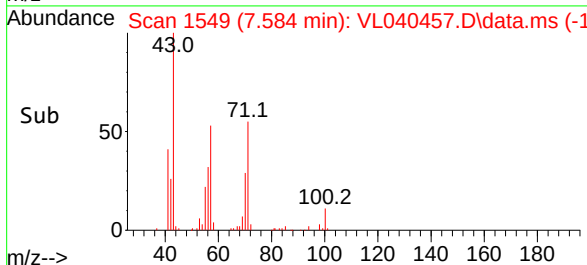
Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023

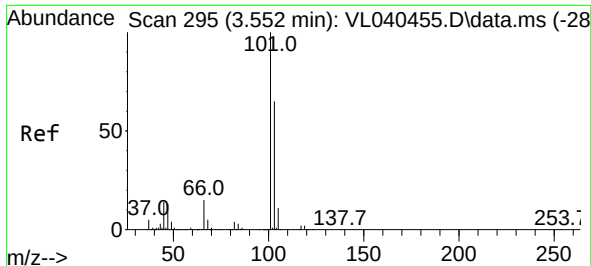


#10
 Heptane
 Concen: 0.959 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. -0.000 min
 Lab File: VL040457.D
 Acq: 5 Jun 2023 15:27



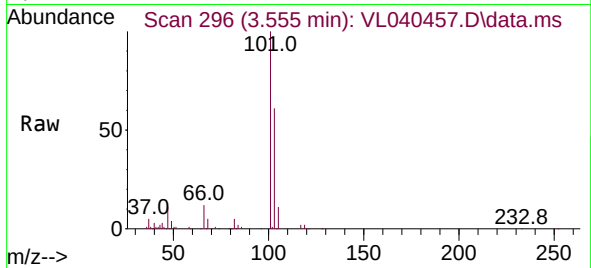
Tgt Ion: 43 Resp: 117215
 Ion Ratio Lower Upper
 43 100
 57 55.1 42.5 63.7





#11
Trichlorofluoromethane
Concen: 1.059 ppbv
RT: 3.555 min Scan# 295
Delta R.T. 0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

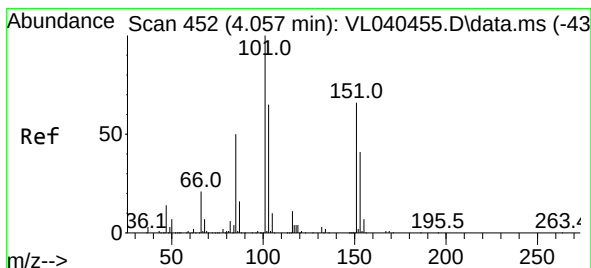
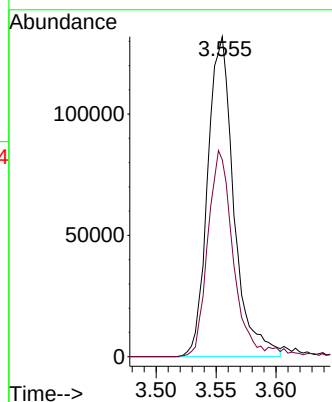
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:101 Resp: 200552
Ion Ratio Lower Upper
101 100
103 61.2 51.7 77.5

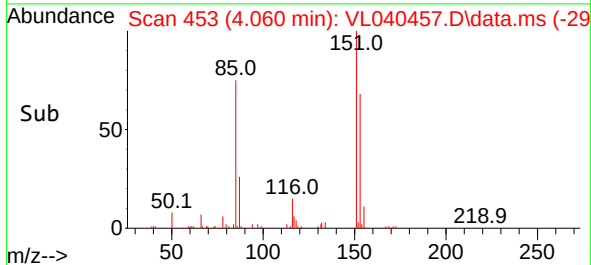
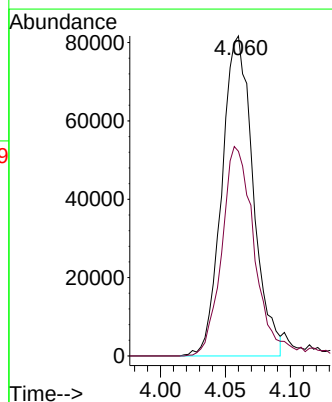
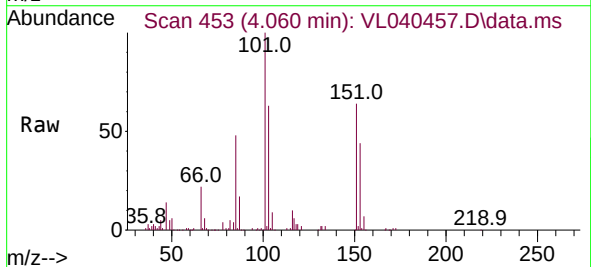
Manual Integrations
APPROVED

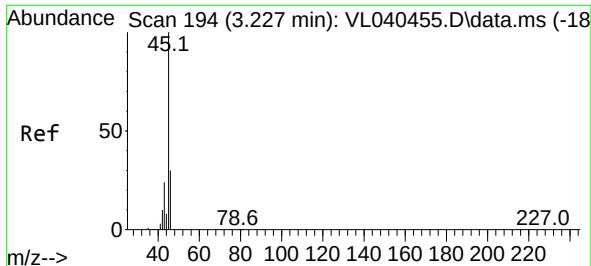
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.034 ppbv
RT: 4.060 min Scan# 453
Delta R.T. 0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

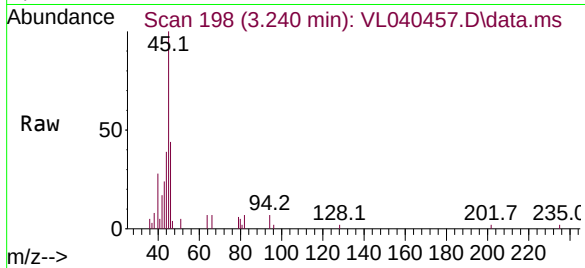
Tgt Ion:101 Resp: 136792
Ion Ratio Lower Upper
101 100
151 69.8 54.3 81.5





#13
Ethanol
Concen: 1.154 ppbv m
RT: 3.240 min Scan# 194
Delta R.T. 0.013 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

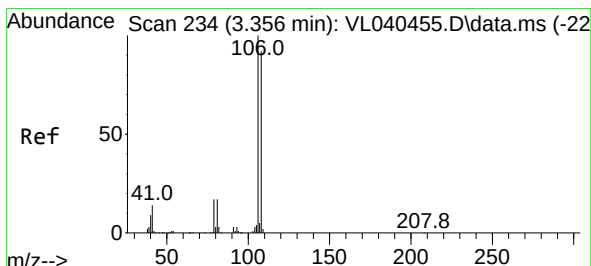
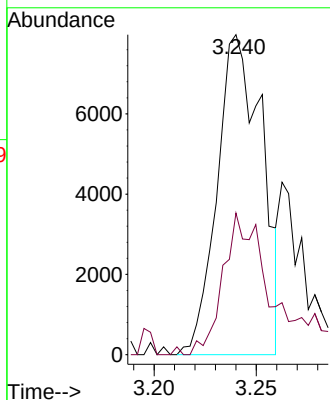
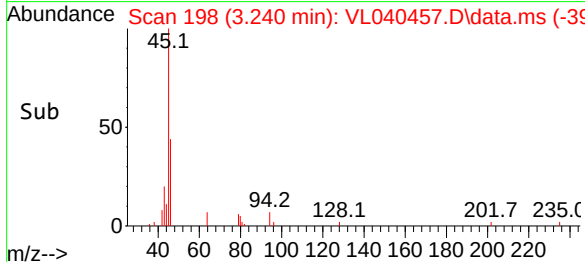
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



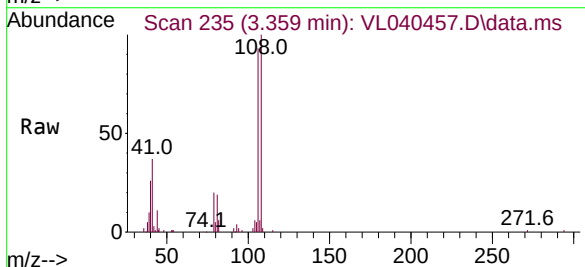
Tgt Ion: 45 Resp: 12114
Ion Ratio Lower Upper
45 100
46 59.2 14.5 58.1

Manual Integrations
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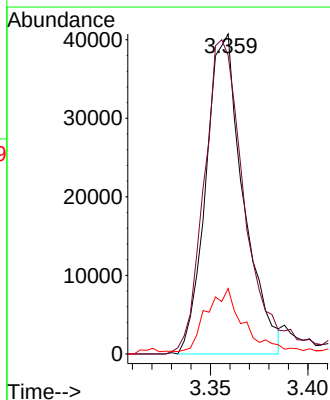
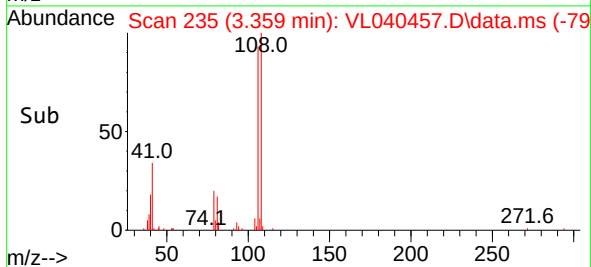
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

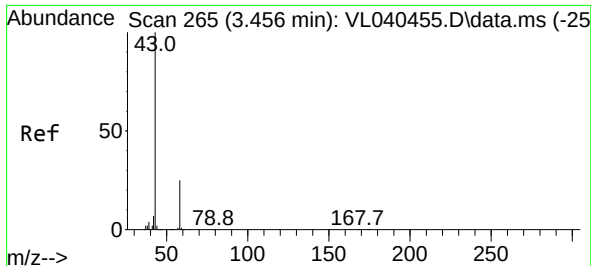


#14
Bromoethene
Concen: 0.981 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27



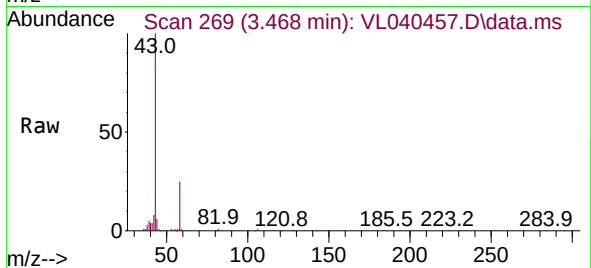
Tgt Ion:108 Resp: 54303
Ion Ratio Lower Upper
108 100
106 111.4 87.4 131.0
79 22.9 15.9 23.9





#15
Acetone
Concen: 1.113 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

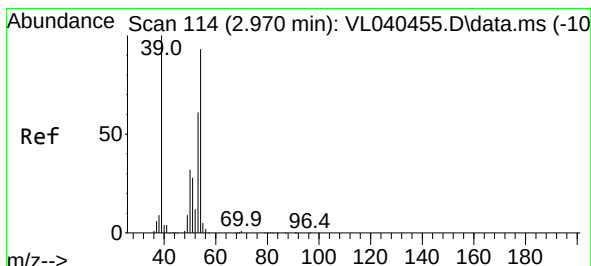
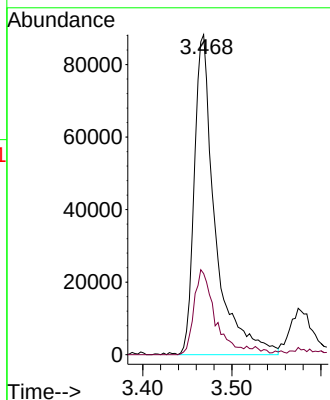
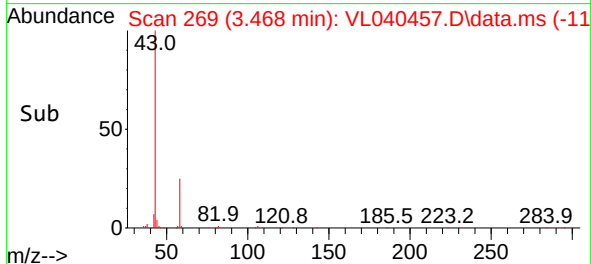
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 14348
Ion Ratio Lower Upper
43 100
58 28.9 21.6 32.4

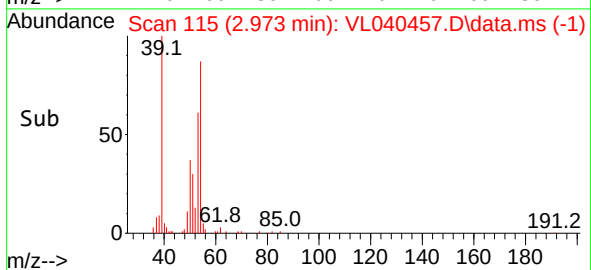
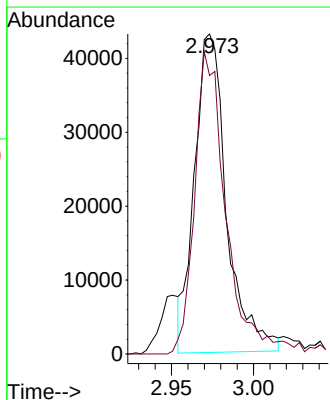
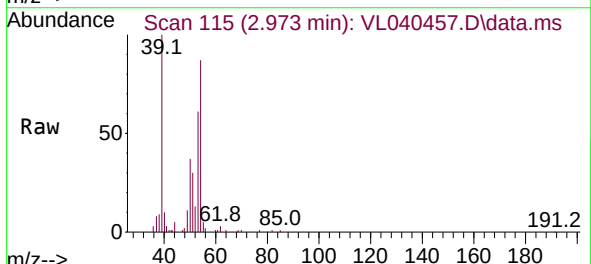
Manual Integrations
APPROVED

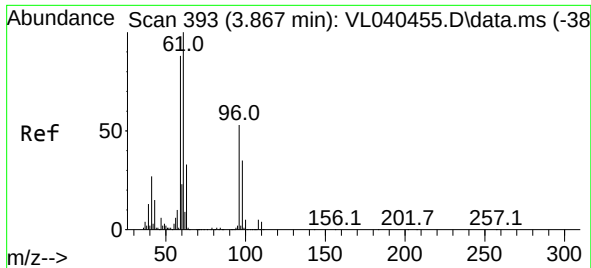
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#16
1,3-Butadiene
Concen: 0.927 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

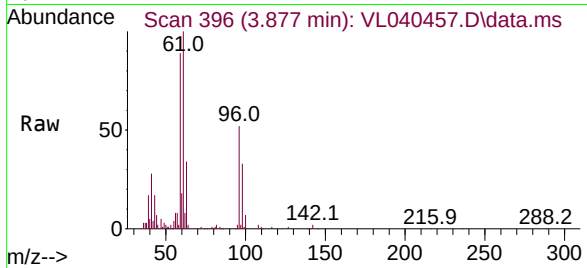
Tgt Ion: 39 Resp: 58614
Ion Ratio Lower Upper
39 100
54 95.1 66.9 100.3





#17
tert-Butyl alcohol
Concen: 1.064 ppbv
RT: 3.877 min Scan# 396
Delta R.T. 0.010 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

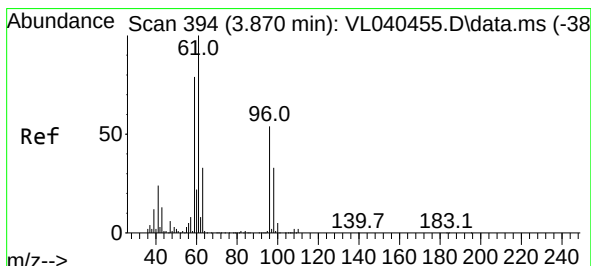
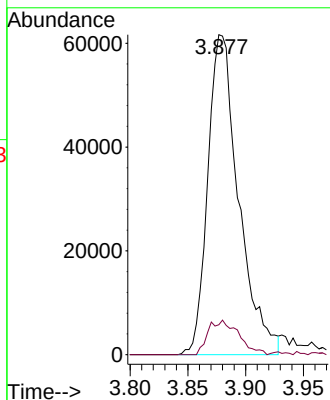
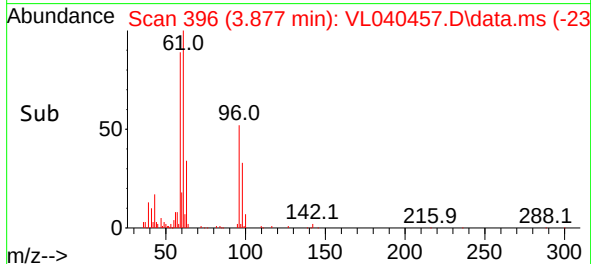
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



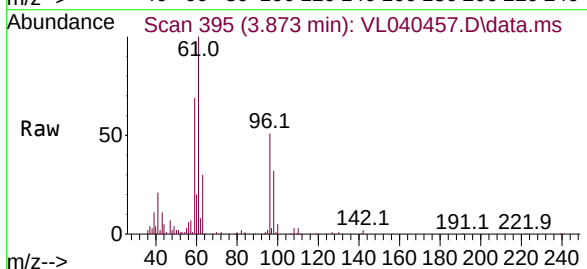
Tgt Ion: 59 Resp: 114570
Ion Ratio Lower Upper
59 100
57 11.7 8.8 13.2

Manual Integrations
APPROVED

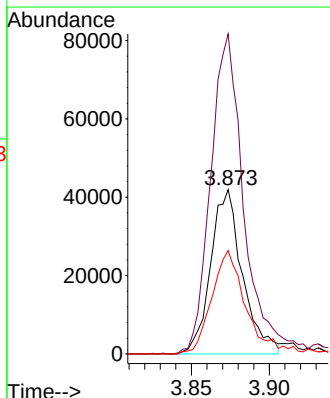
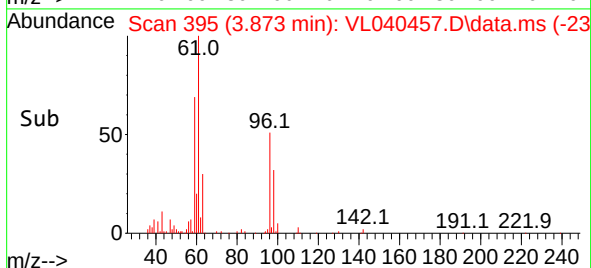
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

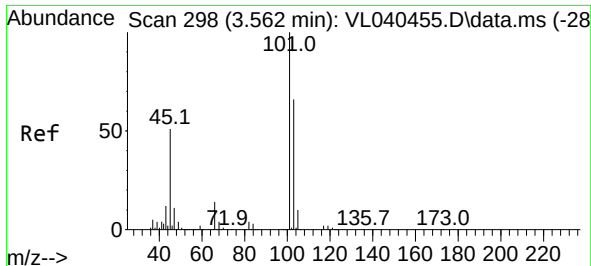


#18
1,1-Dichloroethene
Concen: 1.007 ppbv
RT: 3.873 min Scan# 395
Delta R.T. 0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27



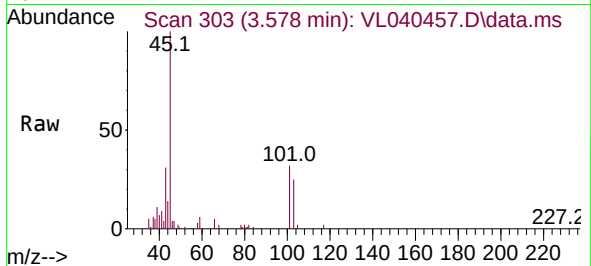
Tgt Ion: 96 Resp: 59406
Ion Ratio Lower Upper
96 100
61 194.0 149.5 224.3
98 62.9 48.7 73.1





#19
Isopropyl Alcohol
Concen: 1.058 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.016 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

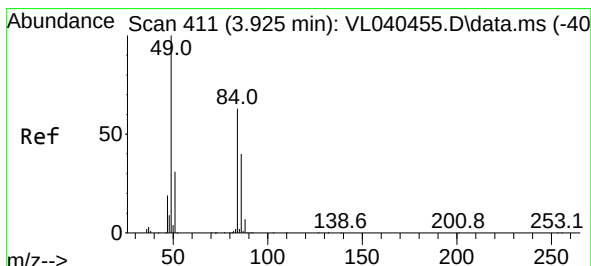
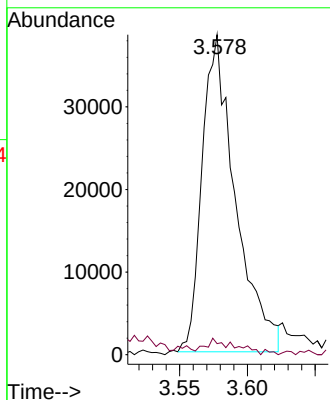
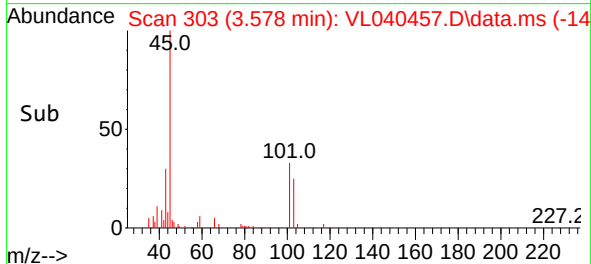
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



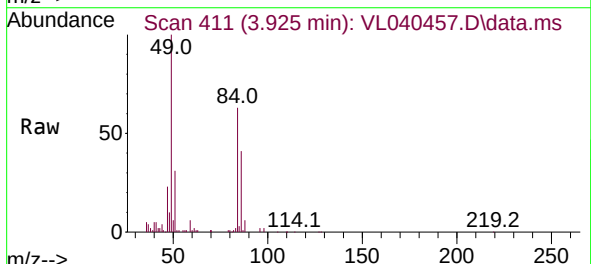
Tgt Ion: 45 Resp: 6575
Ion Ratio Lower Upper
45 100
58 4.8 2.6 4.0

Manual Integrations
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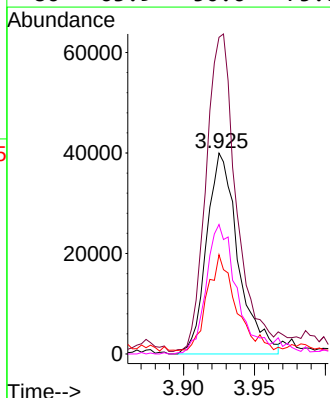
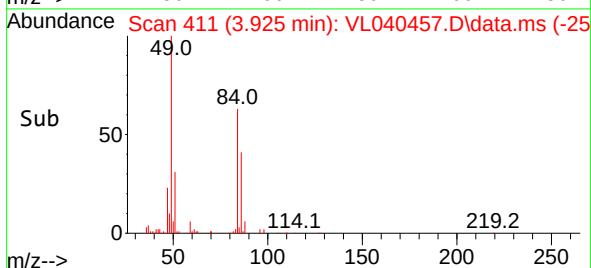
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

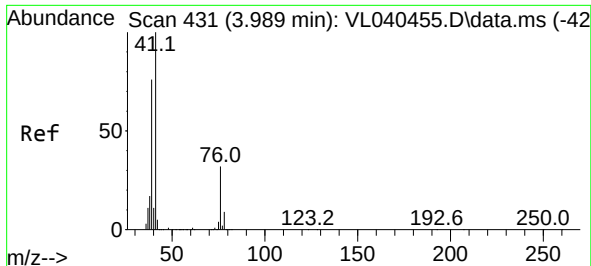


#20
Methylene Chloride
Concen: 1.113 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27



Tgt Ion: 84 Resp: 62133
Ion Ratio Lower Upper
84 100
49 155.5 126.2 189.2
51 47.7 38.7 58.1
86 63.9 50.6 75.8





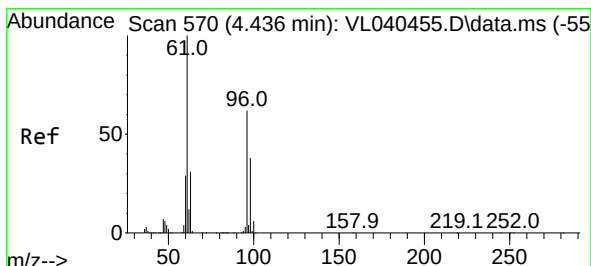
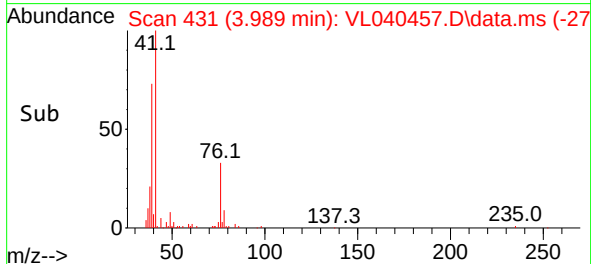
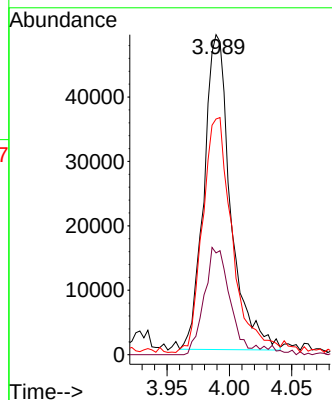
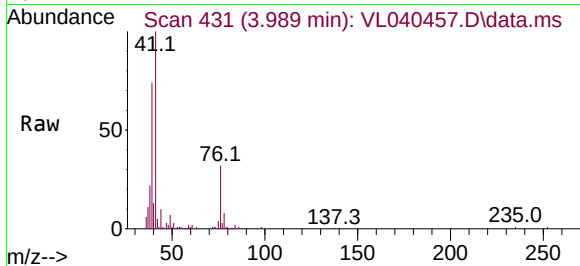
#21
 Allyl Chloride
 Concen: 1.002 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040457.D
 Acq: 5 Jun 2023 15:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 41 Resp: 7300
 Ion Ratio Lower Upper
 41 100
 76 34.7 26.1 39.1
 39 84.5 63.9 95.9

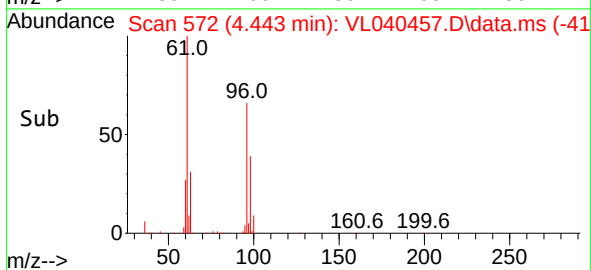
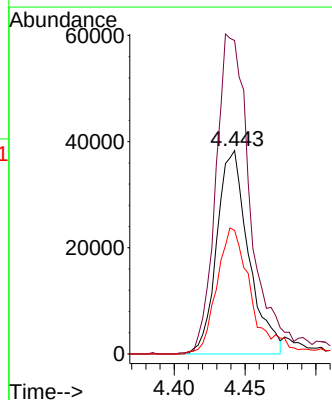
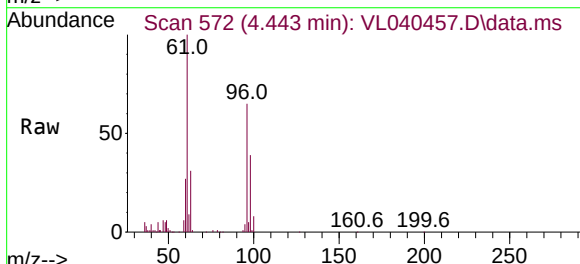
Manual Integrations
 APPROVED

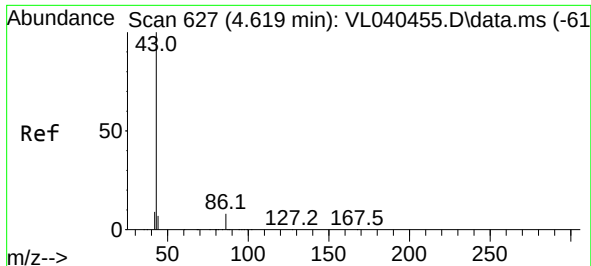
Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.990 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. 0.006 min
 Lab File: VL040457.D
 Acq: 5 Jun 2023 15:27

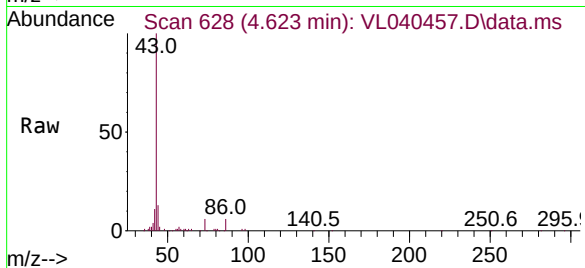
Tgt Ion: 96 Resp: 59912
 Ion Ratio Lower Upper
 96 100
 61 153.6 128.1 192.1
 98 60.7 48.2 72.4





#23
Vinyl Acetate
Concen: 0.970 ppbv
RT: 4.623 min Scan# 612
Delta R.T. 0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

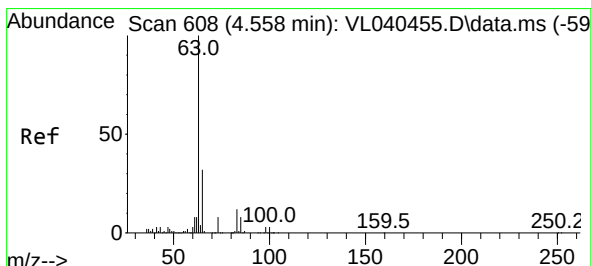
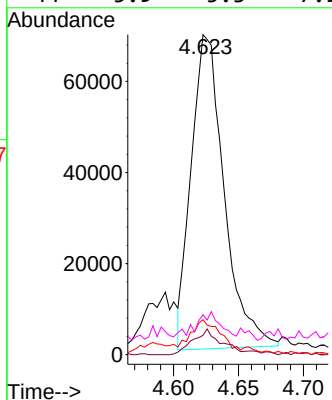
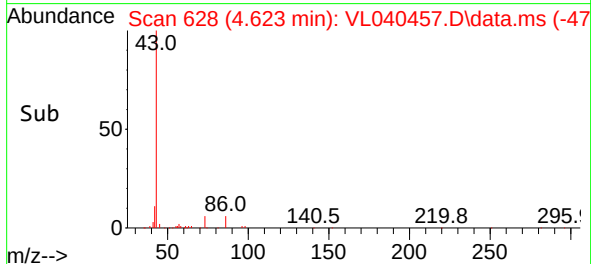
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



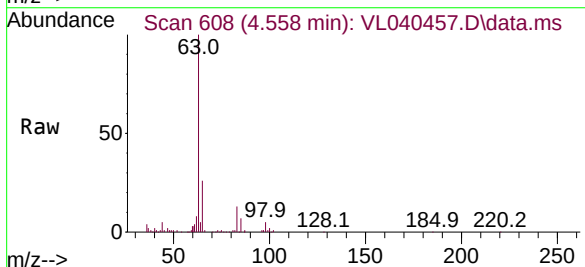
Tgt Ion: 43 Resp: 121642
Ion Ratio Lower Upper
43 100
86 6.3 5.8 8.6
42 10.3 7.4 11.2
44 5.9 5.3 7.9

Manual Integrations
APPROVED

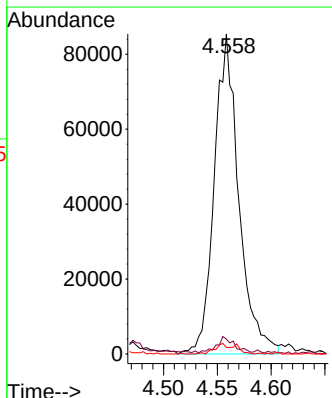
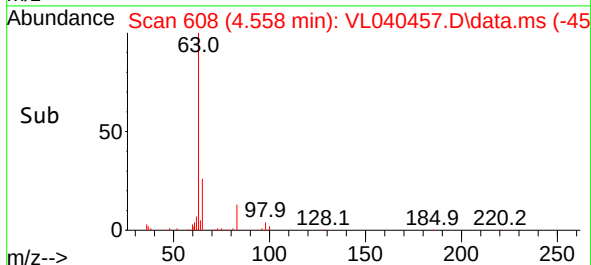
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

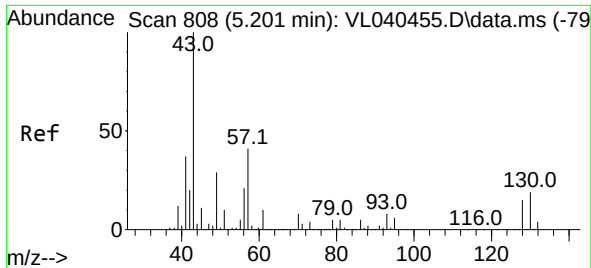


#24
1,1-Dichloroethane
Concen: 1.072 ppbv
RT: 4.558 min Scan# 608
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27



Tgt Ion: 63 Resp: 135402
Ion Ratio Lower Upper
63 100
98 4.3 1.8 5.5
100 2.1 1.4 4.0





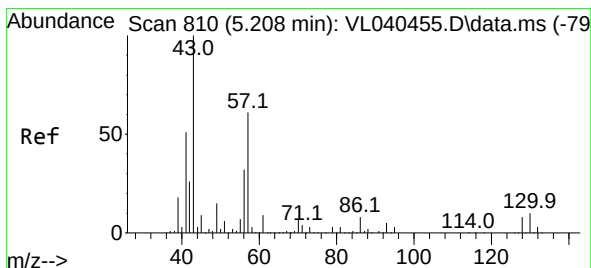
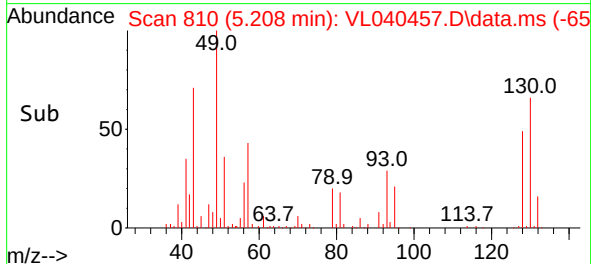
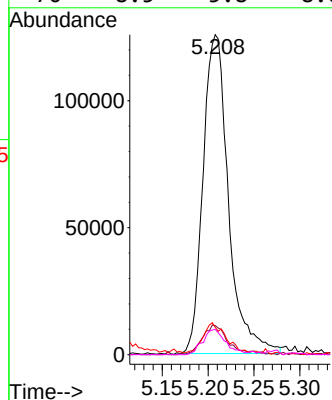
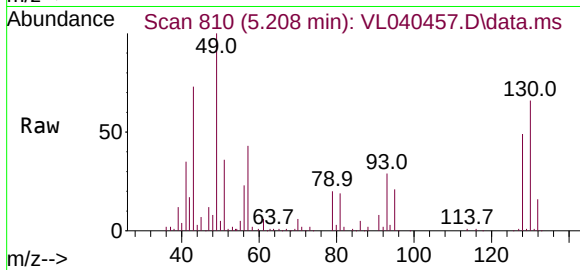
#25
Ethyl Acetate
Concen: 1.037 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.006 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 242280
Ion Ratio Lower Upper
43 100
45 9.9 8.0 12.0
61 9.7 8.1 12.1
70 8.5 5.8 8.6

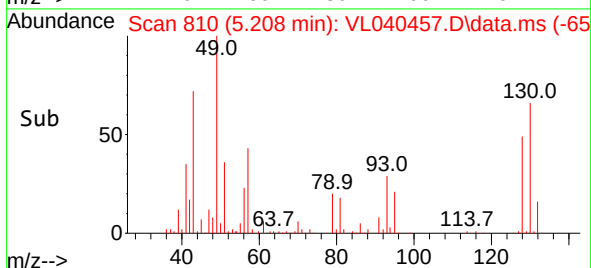
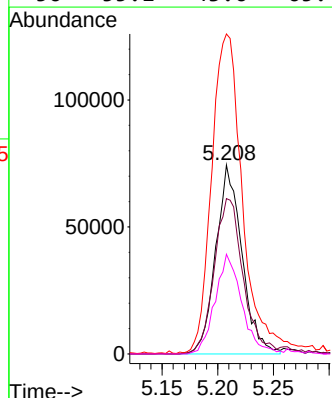
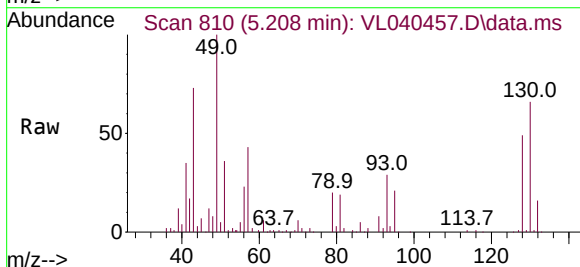
Manual Integrations
APPROVED

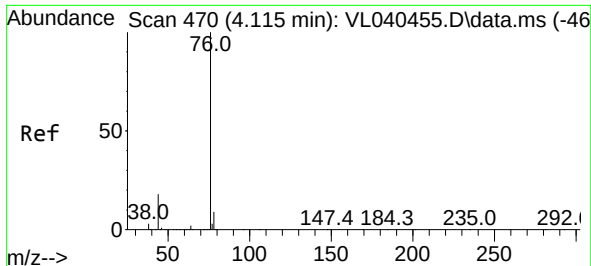
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#26
Hexane
Concen: 1.099 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

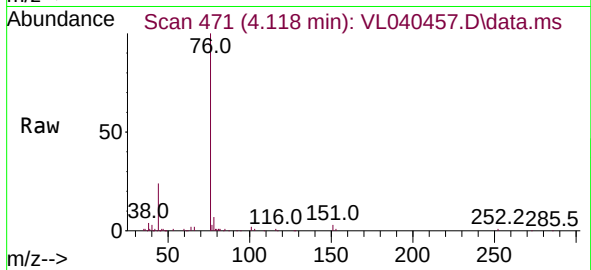
Tgt Ion: 57 Resp: 121623
Ion Ratio Lower Upper
57 100
41 94.1 73.0 109.6
43 202.4 177.5 266.3
56 55.1 43.6 65.4





#27
Carbon Disulfide
Concen: 0.923 ppbv
RT: 4.118 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

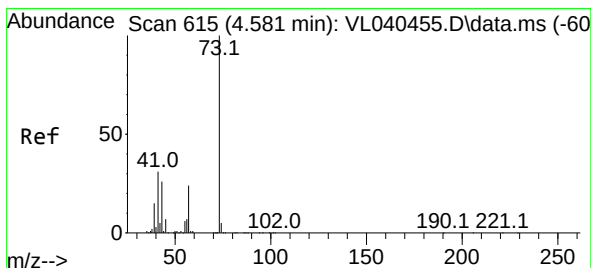
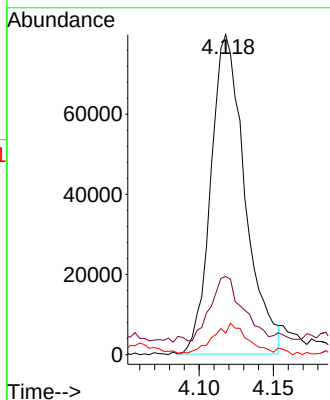
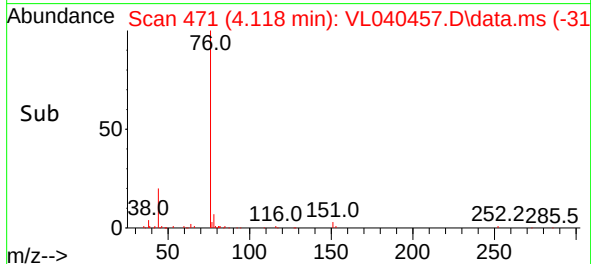
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 76 Resp: 127739
Ion Ratio Lower Upper
76 100
44 23.0 14.6 22.0
78 10.8 7.6 11.4

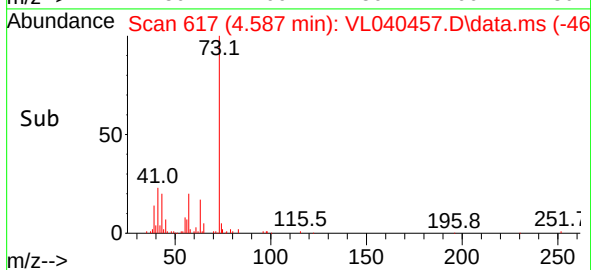
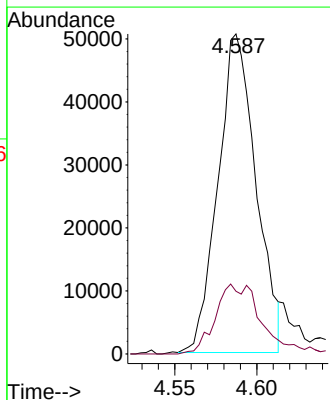
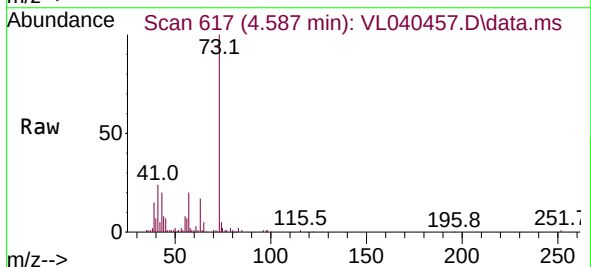
Manual Integrations
APPROVED

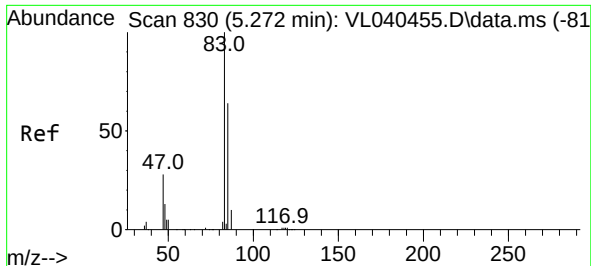
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#28
Methyl tert-Butyl Ether
Concen: 0.938 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.006 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

Tgt Ion: 73 Resp: 81410
Ion Ratio Lower Upper
73 100
57 27.0 19.0 28.4





#29

Chloroform

Concen: 1.042 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040457.D

Acq: 5 Jun 2023 15:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 83 Resp: 19645

Ion Ratio Lower Upper

83 100

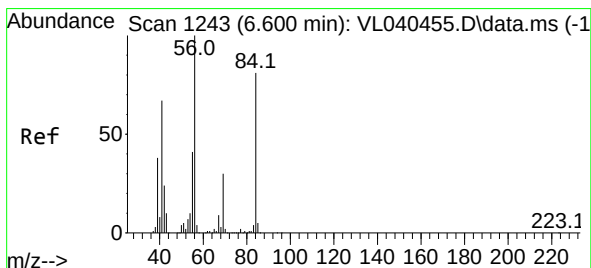
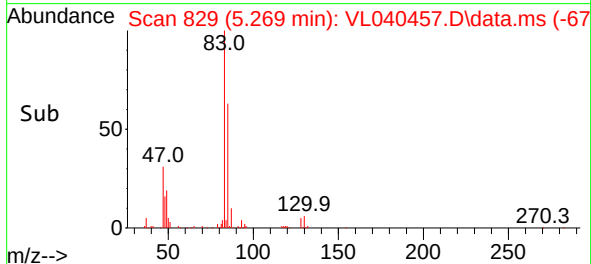
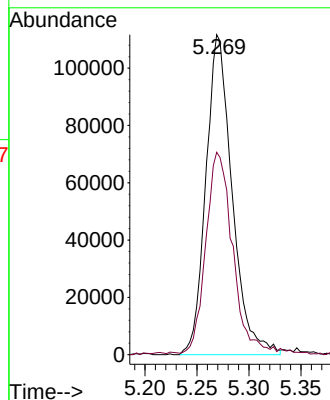
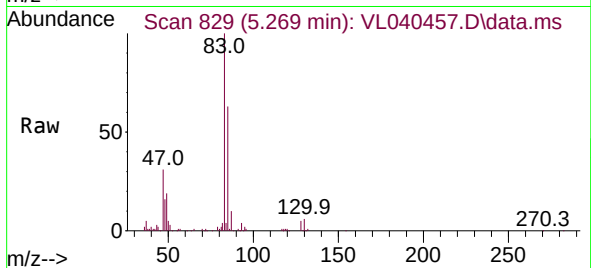
85 62.8 51.1 76.7

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Reviewed By :Semsettin Yesilyurt 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#30

Cyclohexane

Concen: 1.147 ppbv m

RT: 6.603 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VL040457.D

Acq: 5 Jun 2023 15:27

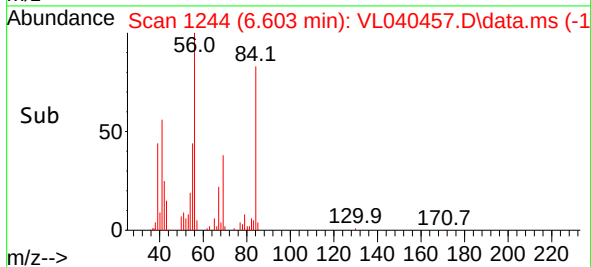
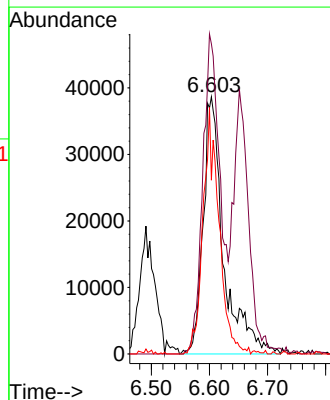
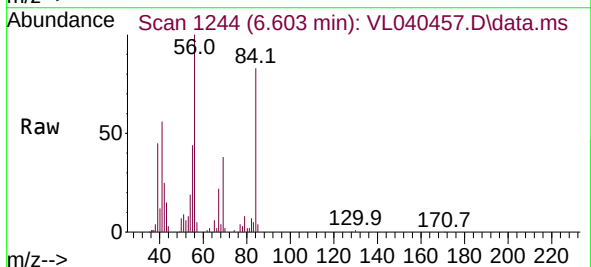
Tgt Ion: 84 Resp: 94441

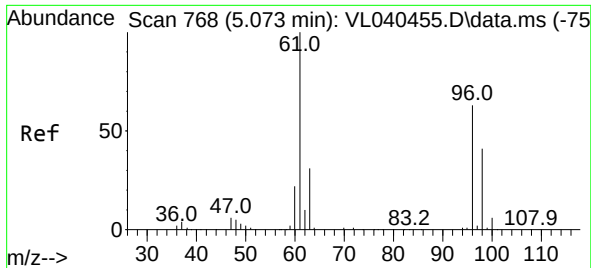
Ion Ratio Lower Upper

84 100

56 102.0 106.0 159.0#

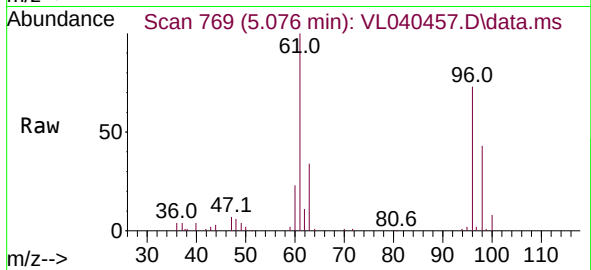
41 75.3 66.8 100.2





#31
 cis-1,2-Dichloroethene
 Concen: 1.020 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. 0.003 min
 Lab File: VL040457.D
 Acq: 5 Jun 2023 15:27

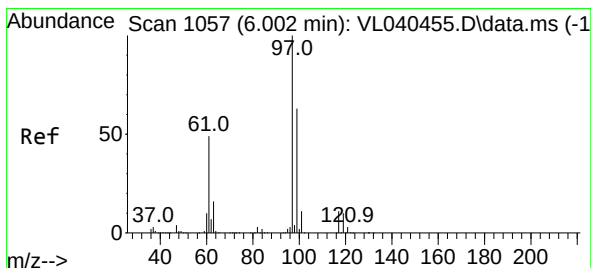
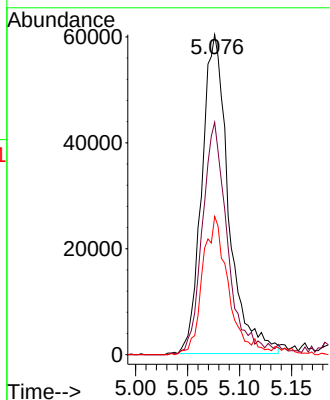
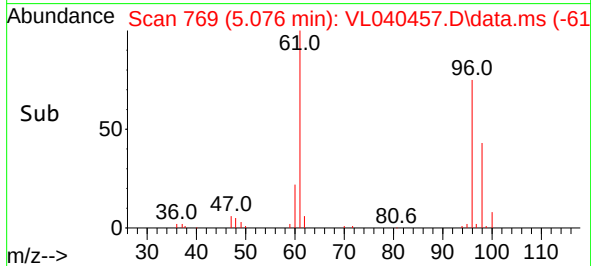
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



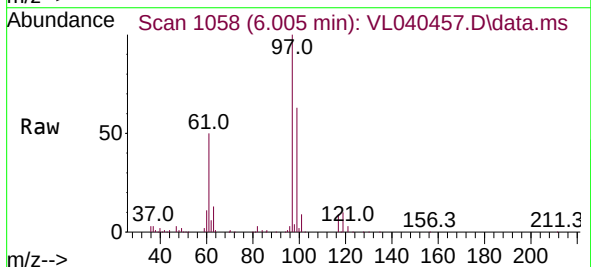
Tgt Ion: 61 Resp: 10793
 Ion Ratio Lower Upper
 61 100
 96 72.4 50.2 75.4
 98 43.0 32.9 49.3

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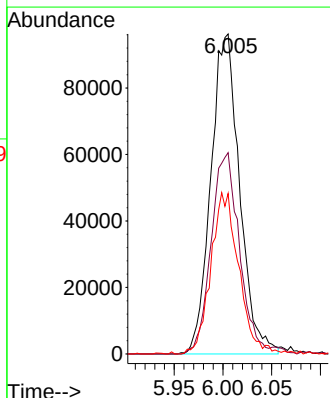
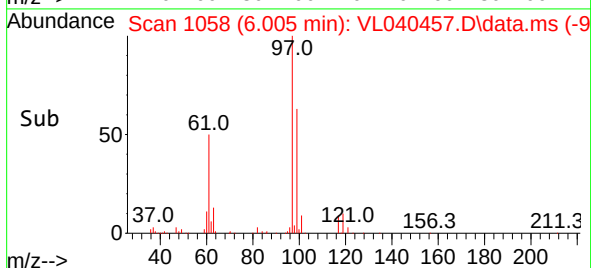
Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023

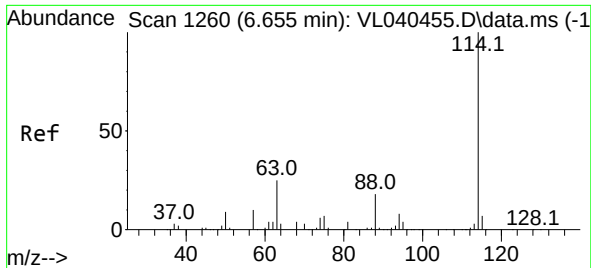


#32
 1,1,1-Trichloroethane
 Concen: 1.053 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.003 min
 Lab File: VL040457.D
 Acq: 5 Jun 2023 15:27



Tgt Ion: 97 Resp: 197523
 Ion Ratio Lower Upper
 97 100
 99 62.9 51.5 77.3
 61 49.0 39.7 59.5





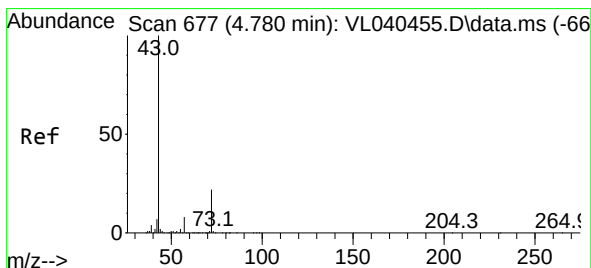
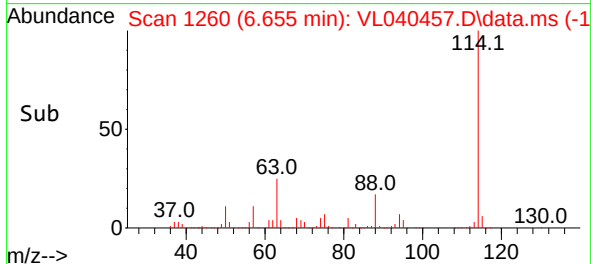
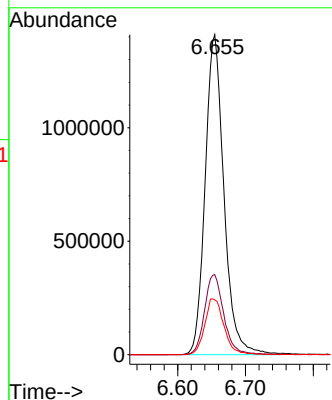
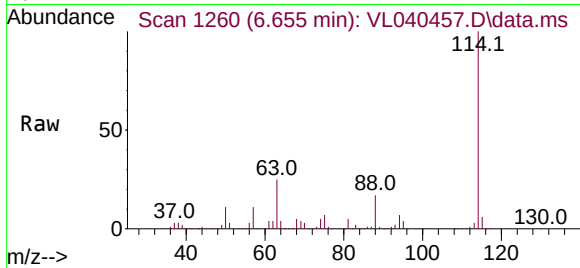
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:114 Resp: 2717884
Ion Ratio Lower Upper
114 100
63 25.8 21.0 31.6
88 17.9 14.5 21.7

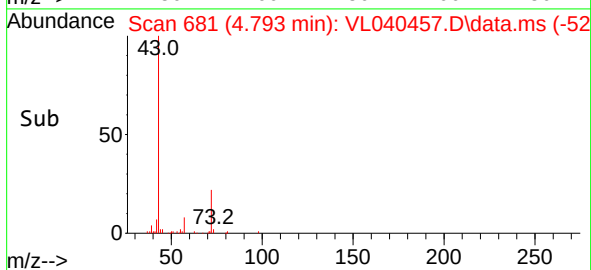
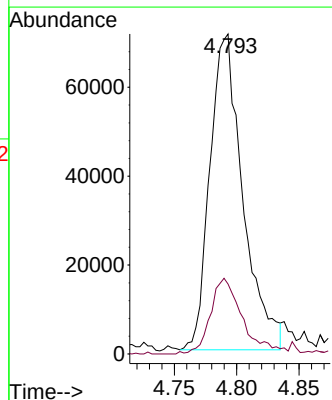
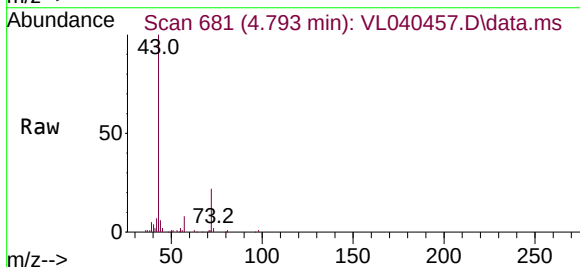
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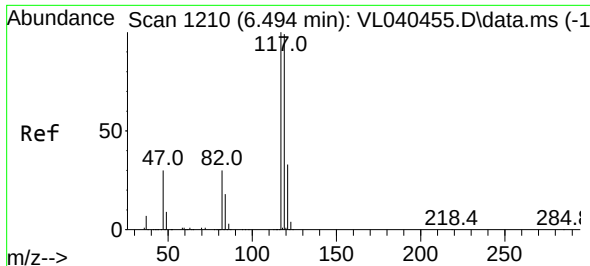
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#34
2-Butanone
Concen: 0.999 ppbv
RT: 4.793 min Scan# 681
Delta R.T. 0.013 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

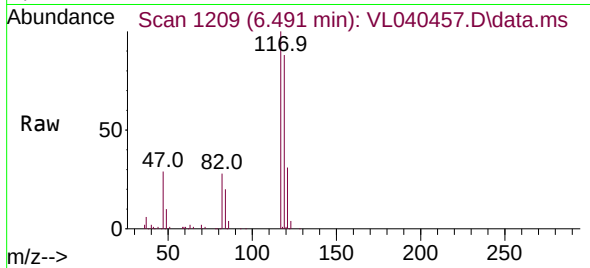
Tgt Ion: 43 Resp: 130982
Ion Ratio Lower Upper
43 100
72 24.8 18.1 27.1





#35
Carbon Tetrachloride
Concen: 1.008 ppbv
RT: 6.491 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

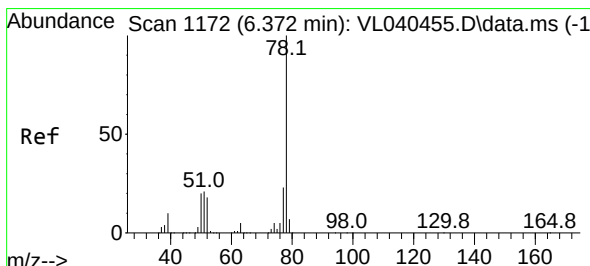
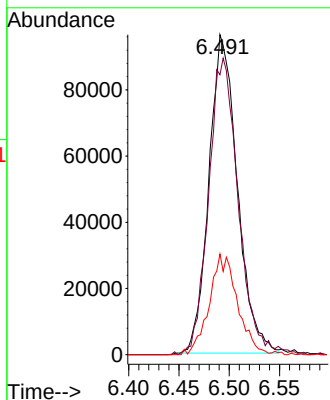
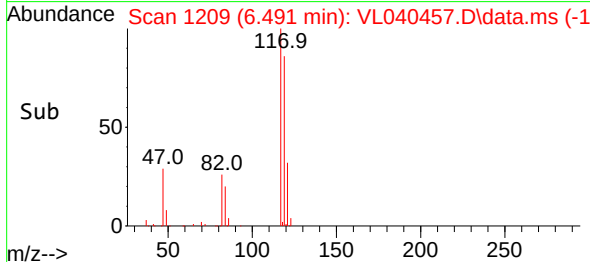
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 18842
Ion Ratio Lower Upper
117 100
119 88.0 79.1 118.7
121 31.6 26.0 39.0

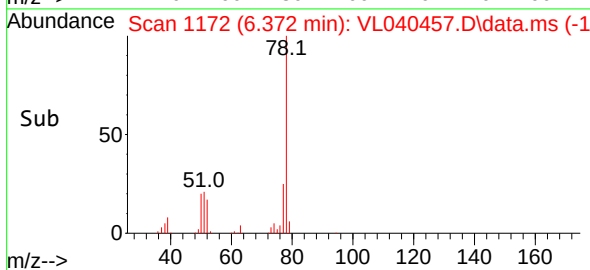
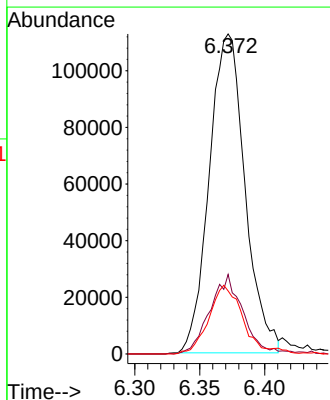
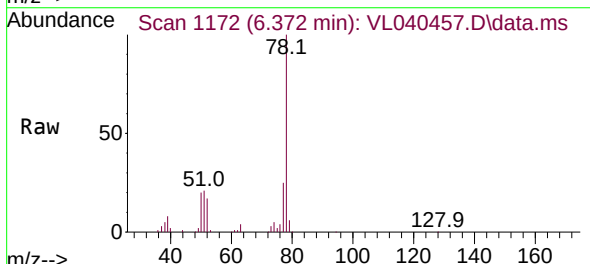
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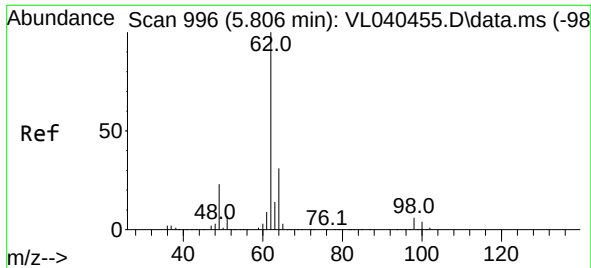
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#36
Benzene
Concen: 0.998 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

Tgt Ion: 78 Resp: 215719
Ion Ratio Lower Upper
78 100
77 24.7 18.5 27.7
50 19.3 16.1 24.1





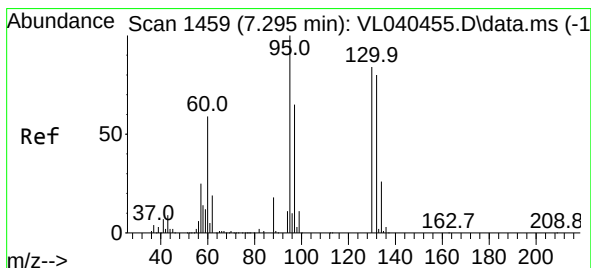
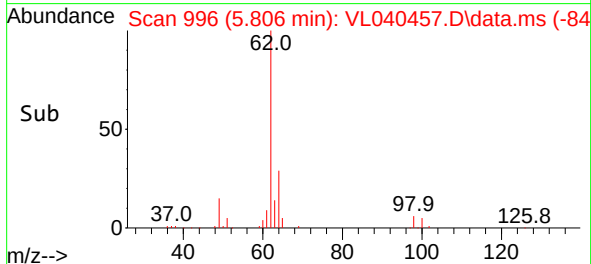
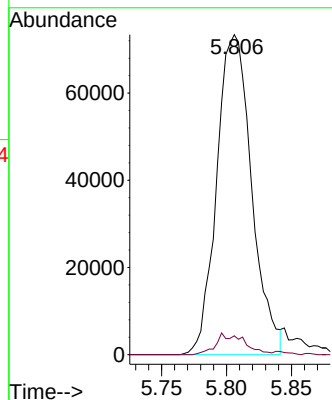
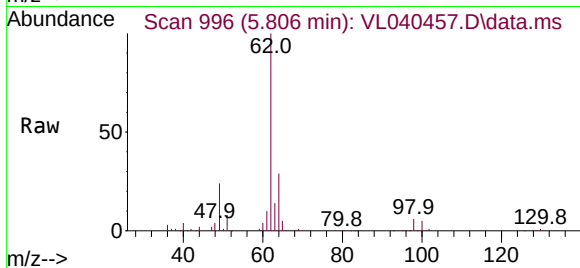
#37
1,2-Dichloroethane
Concen: 0.976 ppbv
RT: 5.806 min Scan# 996
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 62 Resp: 137510
Ion Ratio Lower Upper
62 100
98 6.0 4.6 6.8

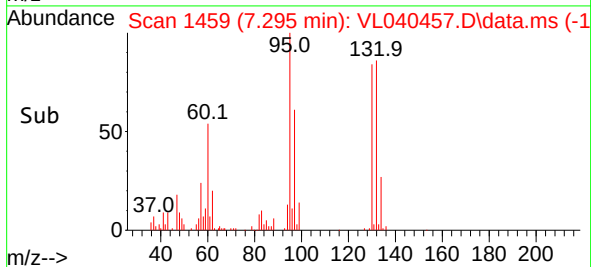
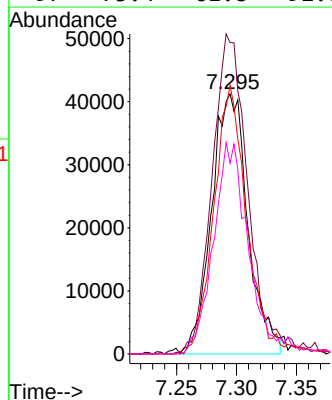
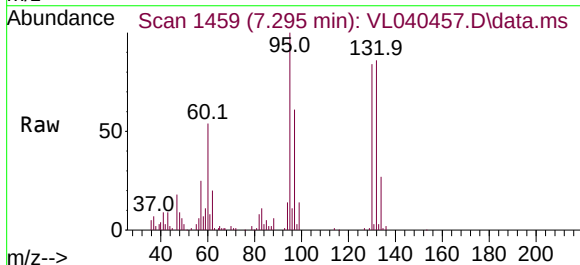
Manual Integrations
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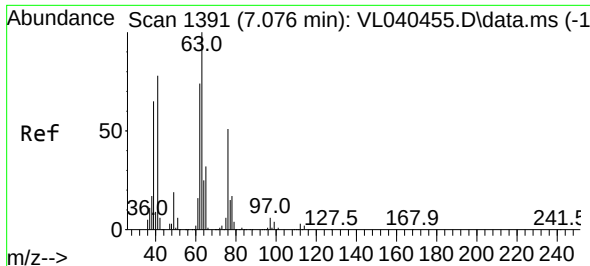
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#38
Trichloroethene
Concen: 1.044 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

Tgt Ion:130 Resp: 86718
Ion Ratio Lower Upper
130 100
95 119.2 95.4 143.0
132 102.1 76.3 114.5
97 73.4 61.8 92.6





#39

1,2-Dichloropropane

Concen: 0.939 ppbv

RT: 7.073 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL040457.D

Acq: 5 Jun 2023 15:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

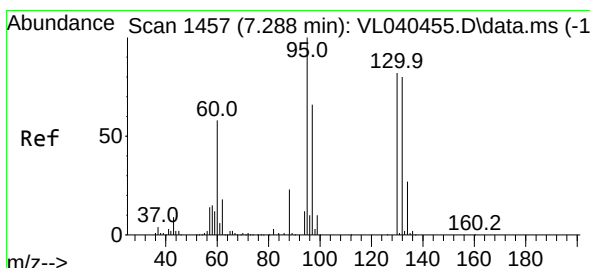
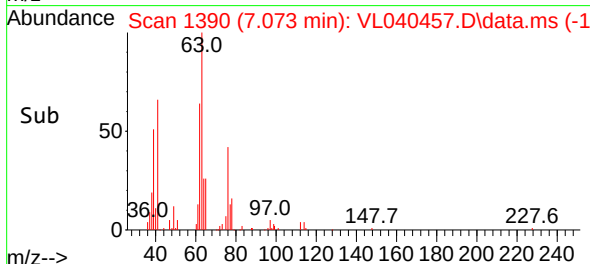
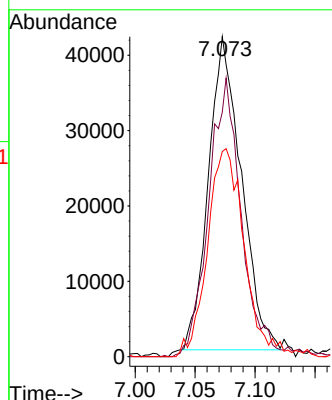
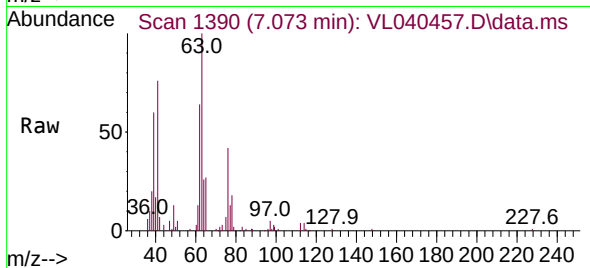
Tgt Ion: 63 Resp: 79220

Ion	Ratio	Lower	Upper
63	100		
41	76.5	62.2	93.2
62	63.9	59.0	88.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#40

1,4-Dioxane

Concen: 1.043 ppbv m

RT: 7.323 min Scan# 1468

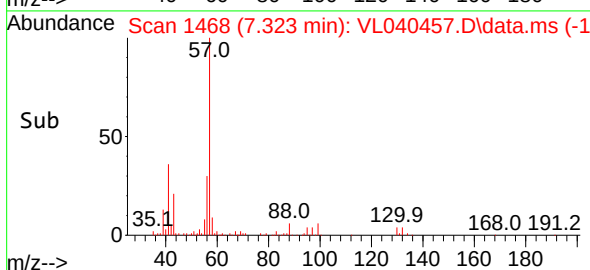
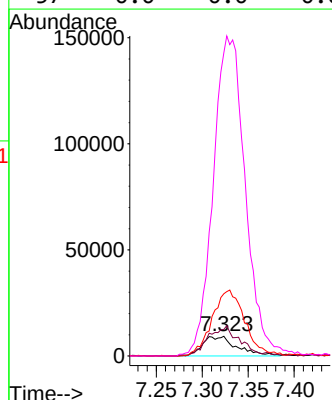
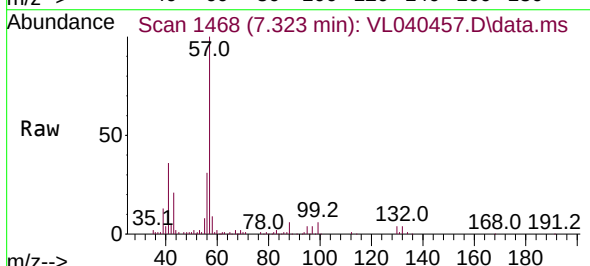
Delta R.T. 0.035 min

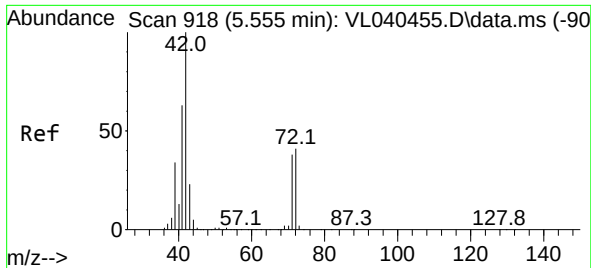
Lab File: VL040457.D

Acq: 5 Jun 2023 15:27

Tgt Ion: 88 Resp: 24080

Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





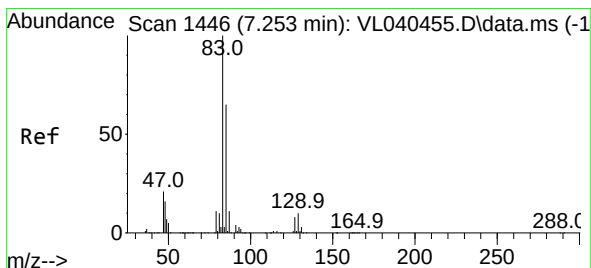
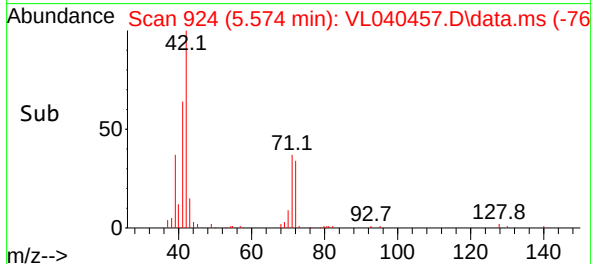
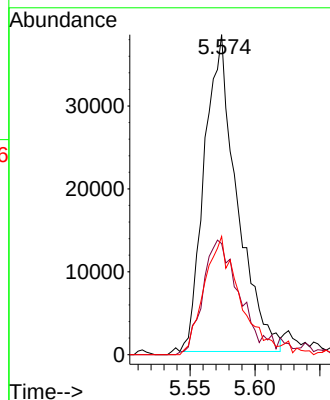
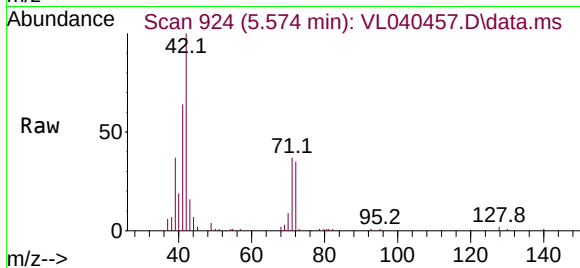
#41
Tetrahydrofuran
Concen: 0.938 ppbv
RT: 5.574 min Scan# 918
Delta R.T. 0.019 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 42 Resp: 66738
Ion Ratio Lower Upper
42 100
72 45.1 33.8 50.8
71 43.1 32.3 48.5

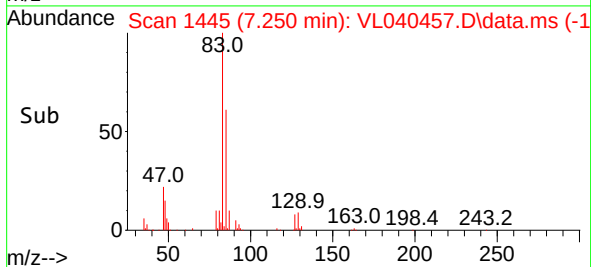
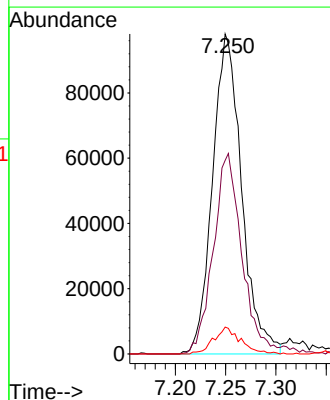
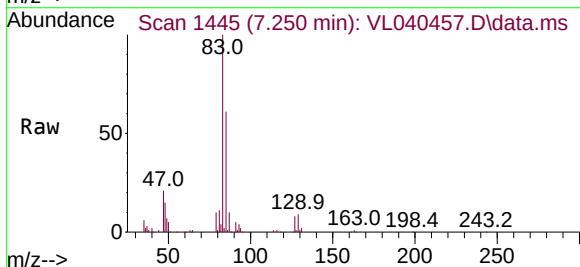
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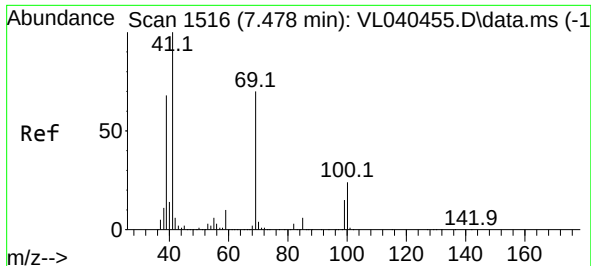
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#42
Bromodichloromethane
Concen: 1.016 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. -0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

Tgt Ion: 83 Resp: 197108
Ion Ratio Lower Upper
83 100
85 60.5 51.8 77.6
127 8.4 6.1 9.1





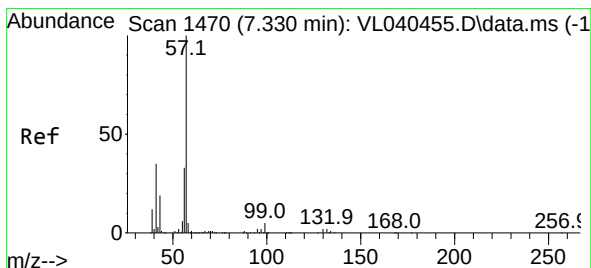
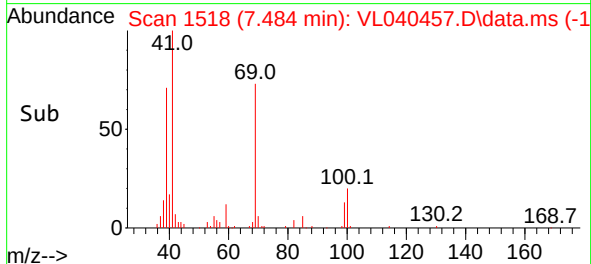
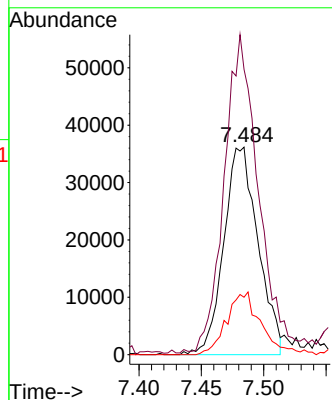
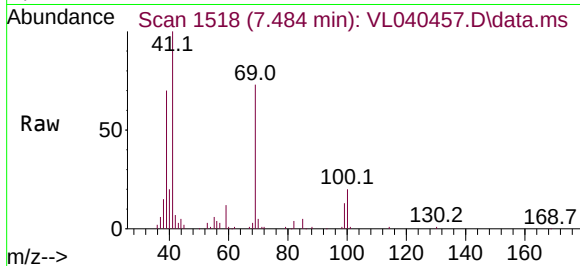
#43
Methyl Methacrylate
Concen: 0.893 ppbv
RT: 7.484 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 69 Resp: 6934
Ion Ratio Lower Upper
69 100
41 156.9 114.3 171.5
100 30.5 25.4 38.2

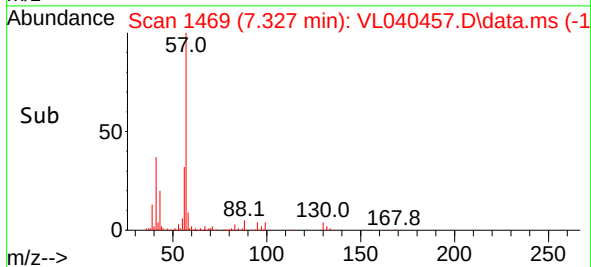
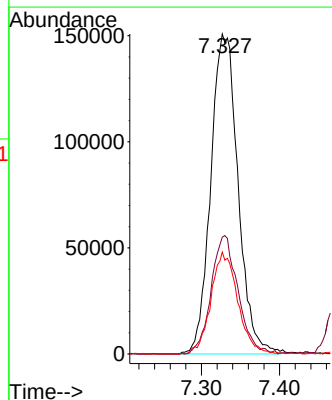
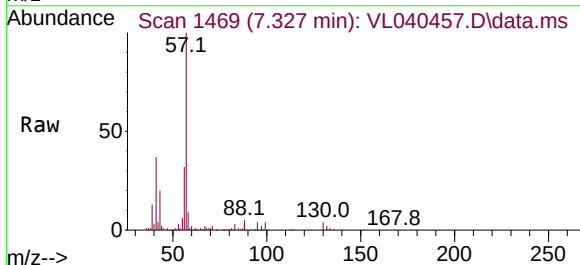
Manual Integrations
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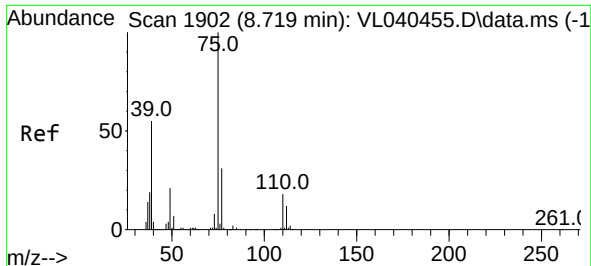
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#44
2,2,4-Trimethylpentane
Concen: 1.036 ppbv m
RT: 7.327 min Scan# 1469
Delta R.T. -0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

Tgt Ion: 57 Resp: 365794
Ion Ratio Lower Upper
57 100
41 36.4 27.8 41.8
56 0.0 25.3 37.9#





#45

t-1,3-Dichloropropene

Concen: 0.784 ppbv

RT: 8.716 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VL040457.D

Acq: 5 Jun 2023 15:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 75 Resp: 45058

Ion Ratio Lower Upper

75 100

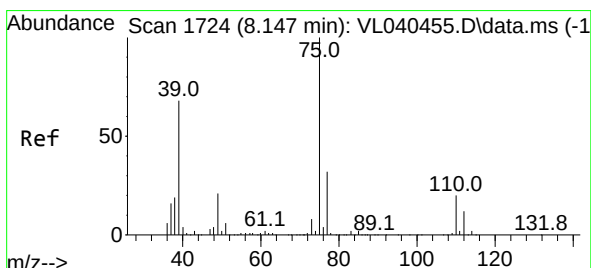
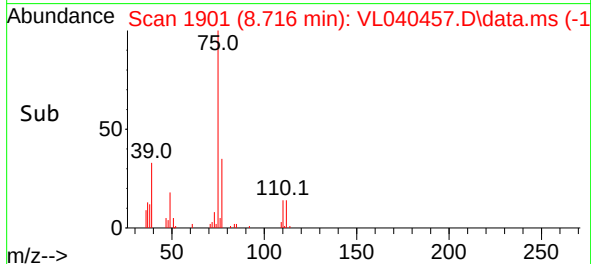
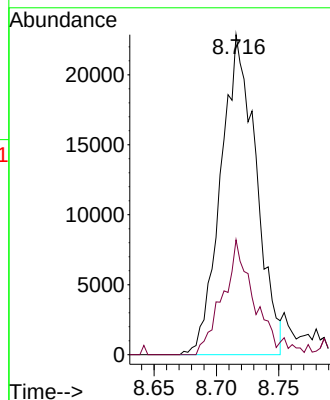
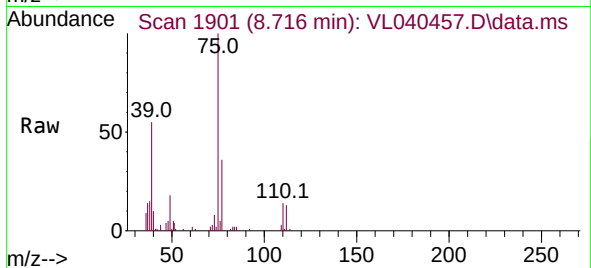
77 35.9 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#46

cis-1,3-Dichloropropene

Concen: 0.912 ppbv m

RT: 8.147 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VL040457.D

Acq: 5 Jun 2023 15:27

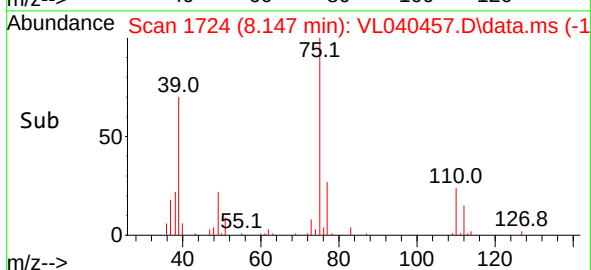
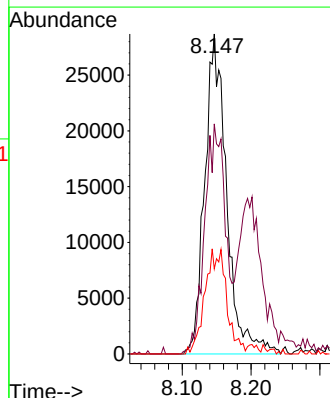
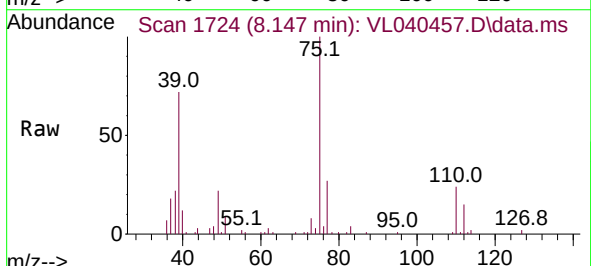
Tgt Ion: 75 Resp: 63282

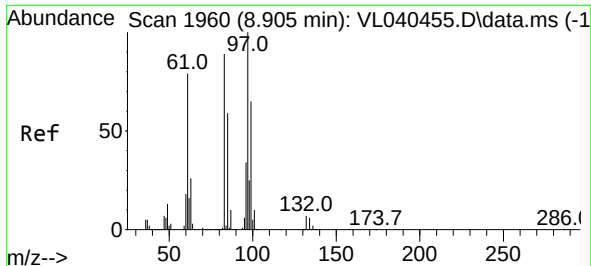
Ion Ratio Lower Upper

75 100

39 71.9 54.2 81.4

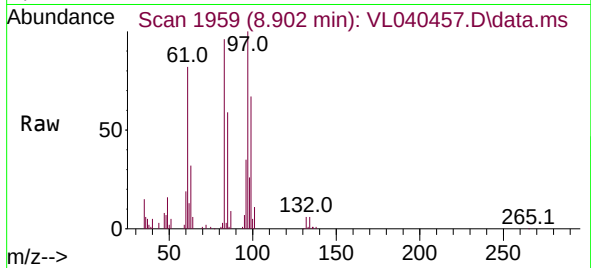
77 26.6 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 0.977 ppbv
RT: 8.902 min Scan# 1959
Delta R.T. -0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

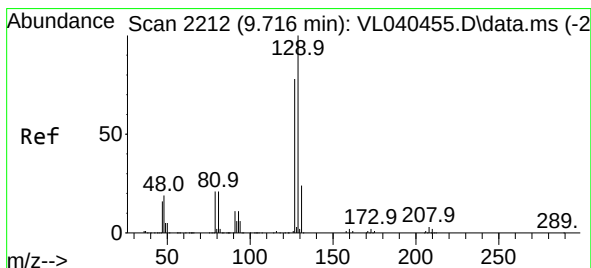
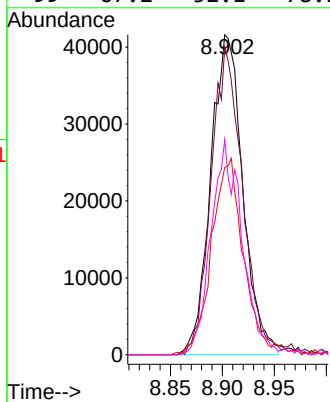
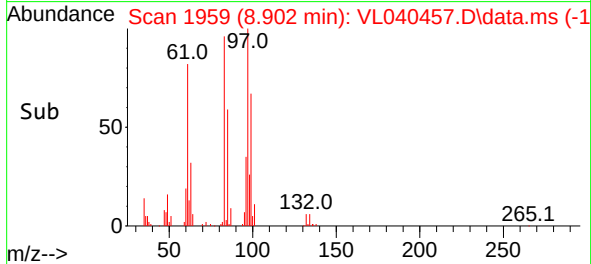
Instrument : MSVOA_L
ClientSampleId : VSTDIC001



Tgt Ion	Ratio	Lower	Upper
97	100		
83	96.1	71.4	107.2
85	57.8	47.2	70.8
99	67.2	52.1	78.1

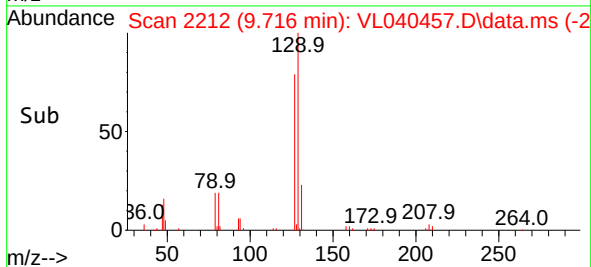
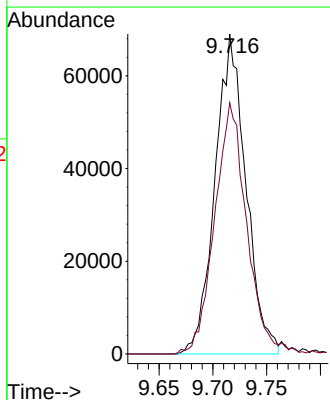
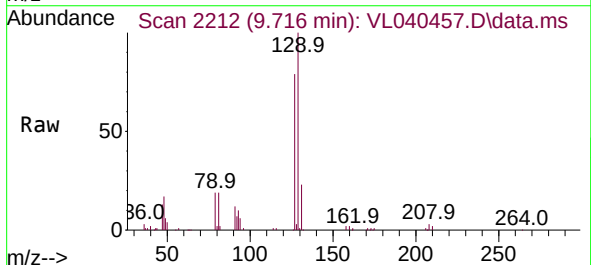
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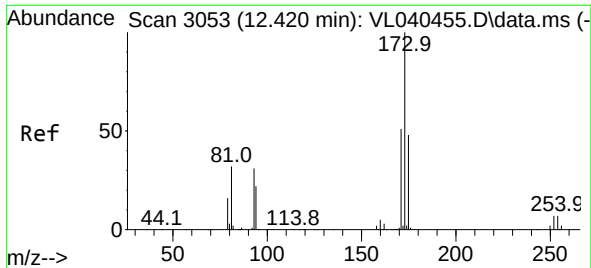
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#48
Dibromochloromethane
Concen: 0.940 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

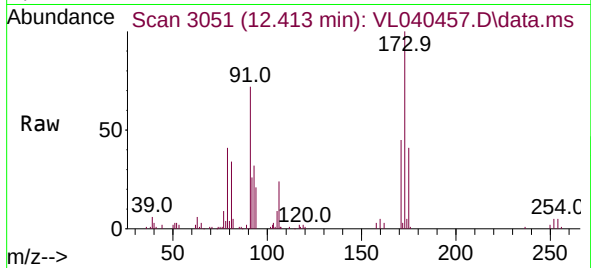
Tgt Ion	Ratio	Lower	Upper
129	100		
127	82.1	39.4	118.1





#49
Bromoform
Concen: 0.919 ppbv
RT: 12.413 min Scan# 3053
Delta R.T. -0.006 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

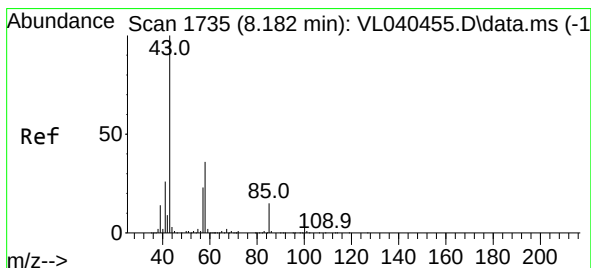
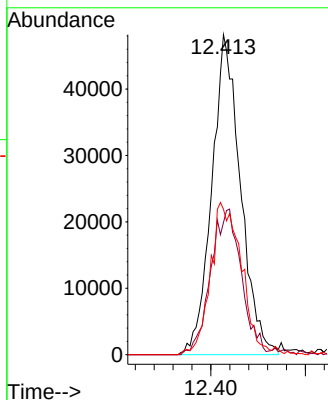
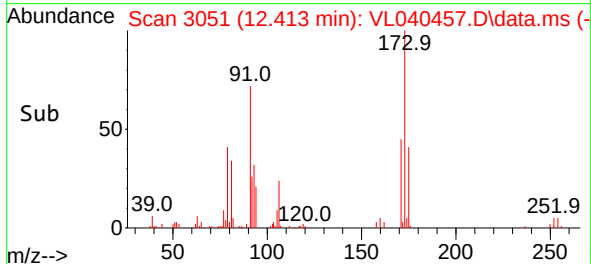
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



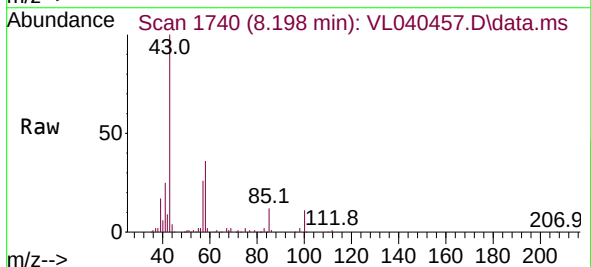
Tgt Ion: 173 Resp: 101510
Ion Ratio Lower Upper
173 100
175 50.2 39.2 58.8
171 51.9 42.2 63.2

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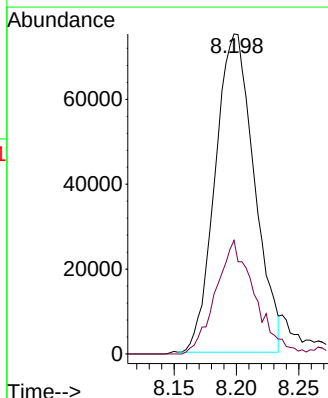
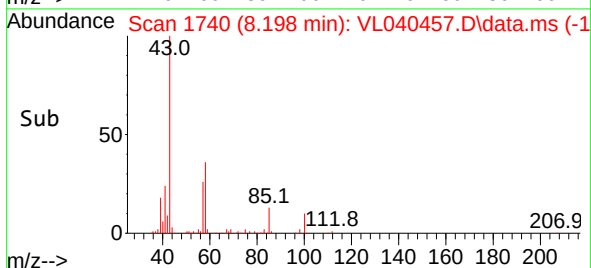
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

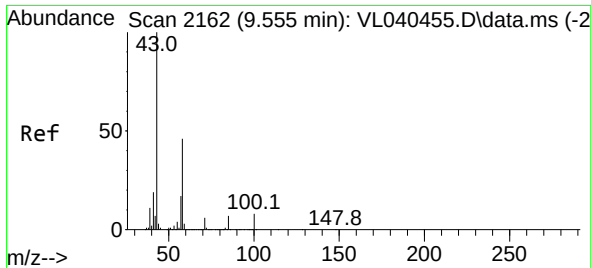


#50
4-Methyl-2-Pentanone
Concen: 0.937 ppbv
RT: 8.198 min Scan# 1740
Delta R.T. 0.016 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27



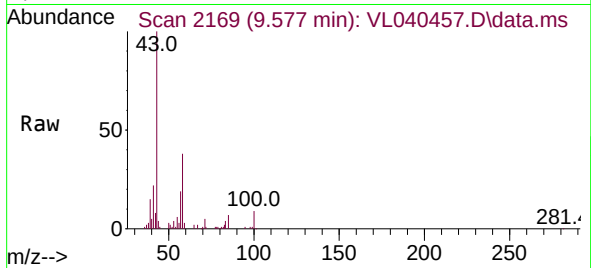
Tgt Ion: 43 Resp: 163680
Ion Ratio Lower Upper
43 100
58 35.6 28.2 42.4





#51
2-Hexanone
Concen: 0.949 ppbv m
RT: 9.577 min Scan# 2162
Delta R.T. 0.022 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

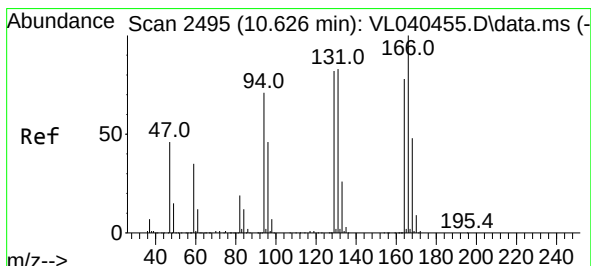
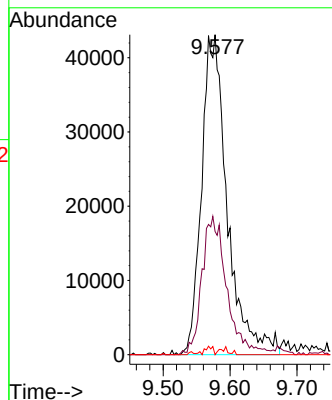
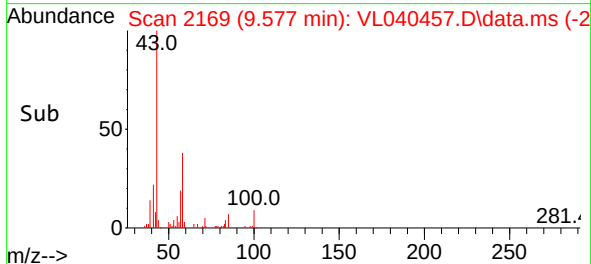
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 11486
Ion Ratio Lower Upper
43 100
58 0.0 37.1 55.7
98 1.8 0.5 0.7

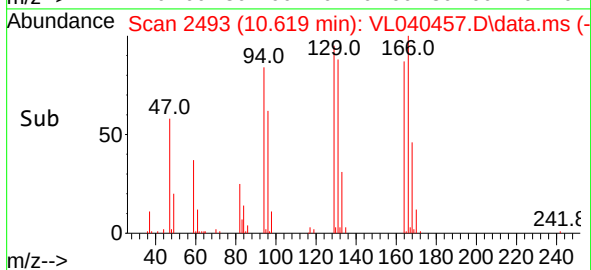
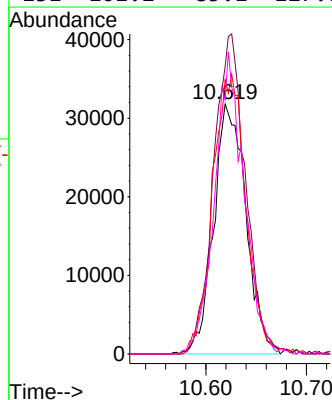
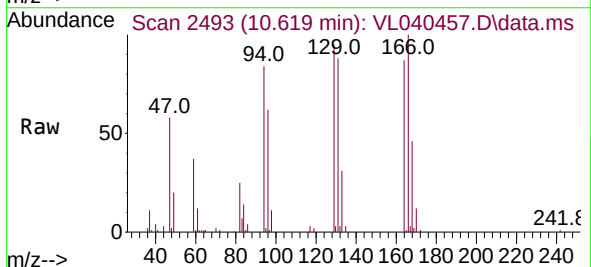
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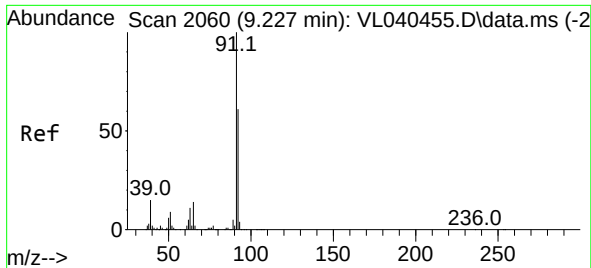
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#52
Tetrachloroethene
Concen: 1.046 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. -0.006 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

Tgt Ion:164 Resp: 70998
Ion Ratio Lower Upper
164 100
166 115.1 102.7 154.1
129 109.7 84.6 126.8
131 101.2 85.1 127.7





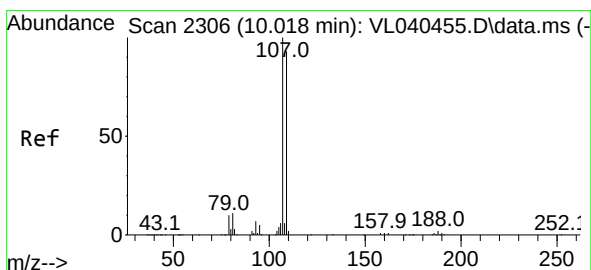
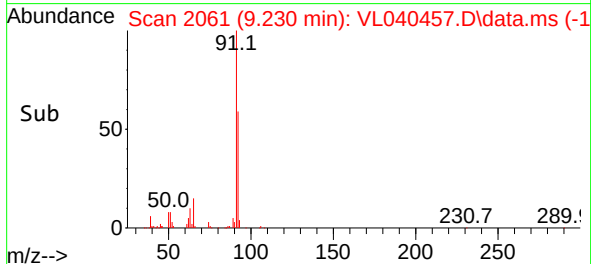
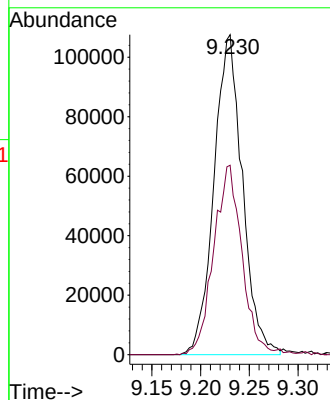
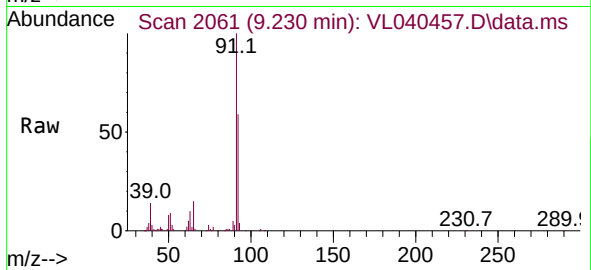
#53
Toluene
Concen: 0.957 ppbv
RT: 9.230 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 217810
Ion Ratio Lower Upper
91 100
92 59.5 49.1 73.7

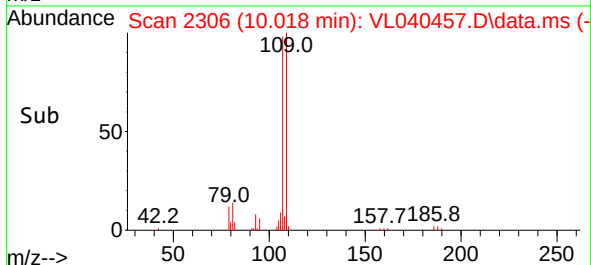
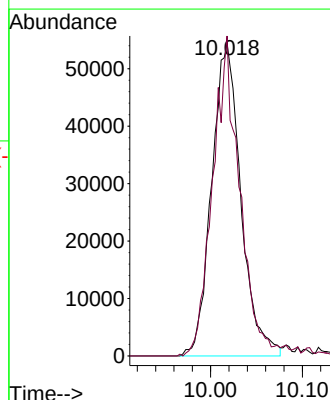
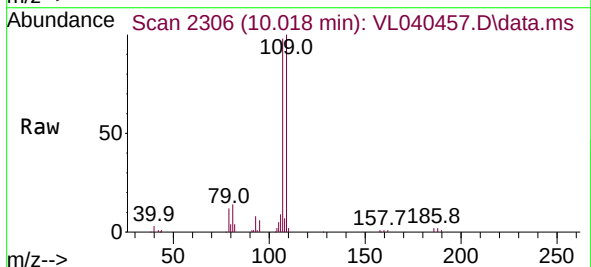
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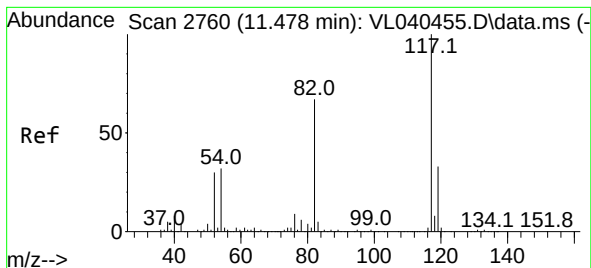
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#54
1,2-Dibromoethane
Concen: 1.000 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

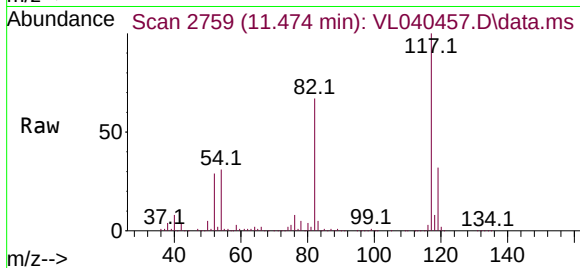
Tgt Ion:107 Resp: 120382
Ion Ratio Lower Upper
107 100
109 101.6 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

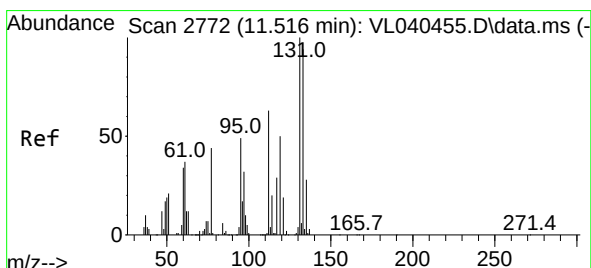
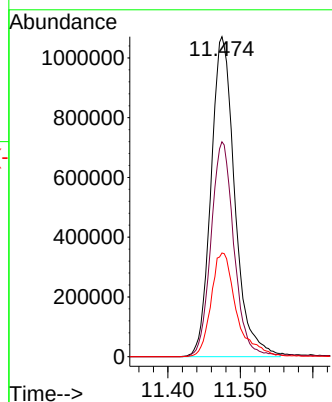
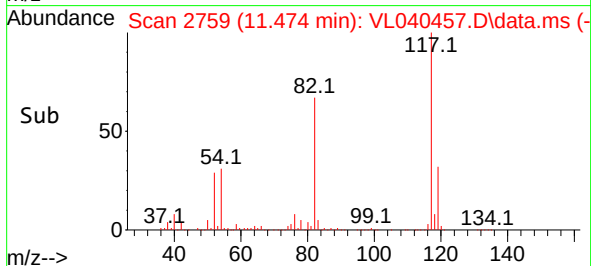
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:117 Resp: 243942
Ion Ratio Lower Upper
117 100
82 65.5 53.0 79.4
119 34.8 24.4 36.6

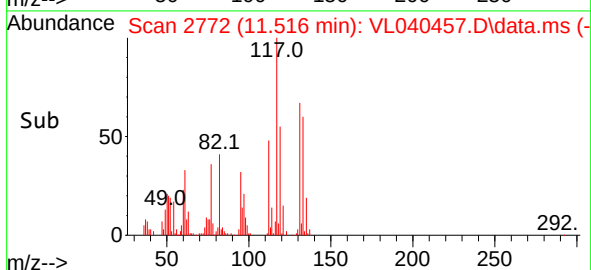
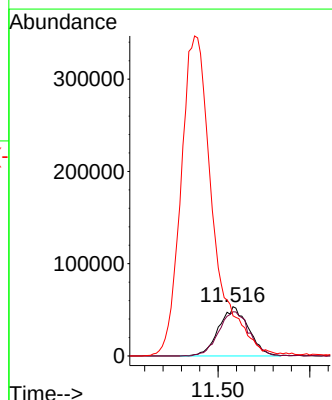
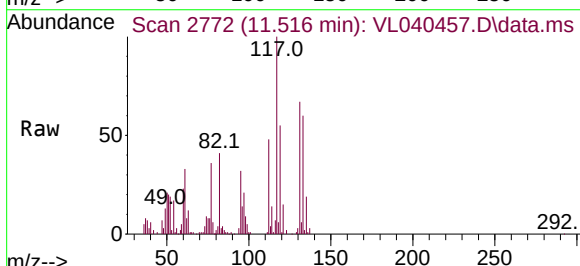
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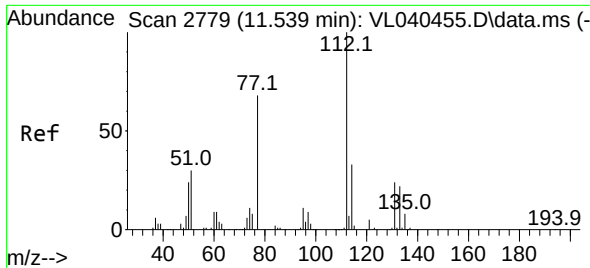
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 1.044 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

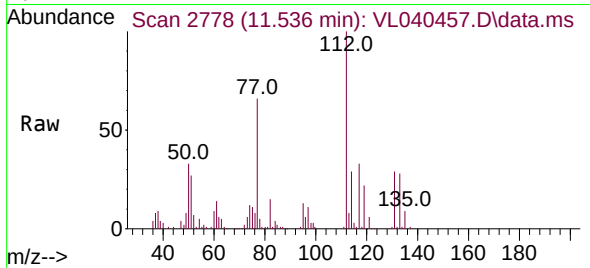
Tgt Ion:131 Resp: 119727
Ion Ratio Lower Upper
131 100
133 93.0 75.7 113.5
119 708.3 51.4 77.2#





#57
Chlorobenzene
Concen: 1.010 ppbv
RT: 11.536 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

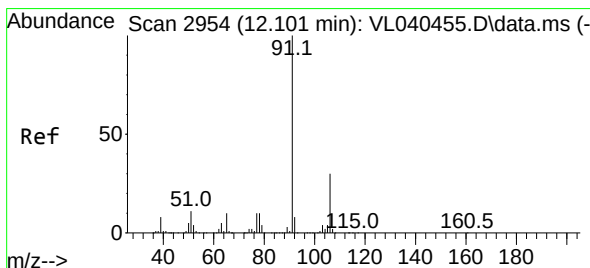
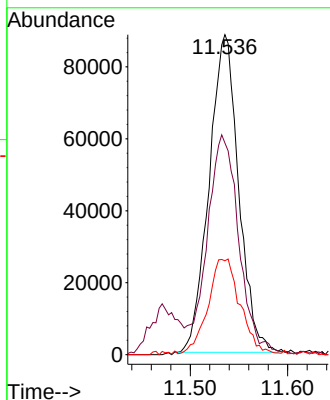
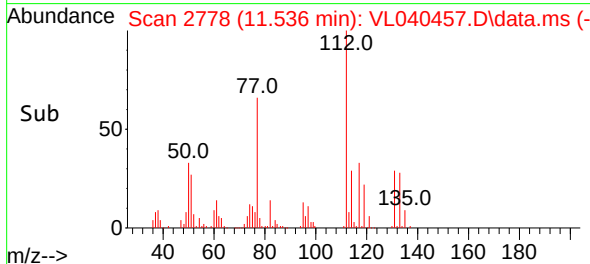
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:112 Resp: 18626
Ion Ratio Lower Upper
112 100
77 65.5 55.4 83.2
114 29.3 30.0 36.6

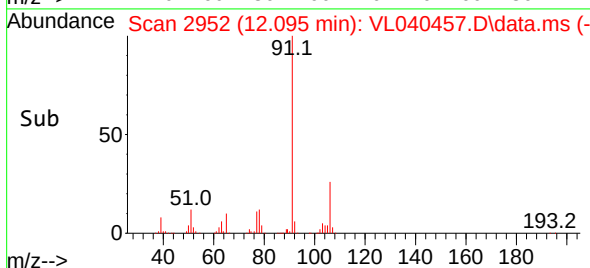
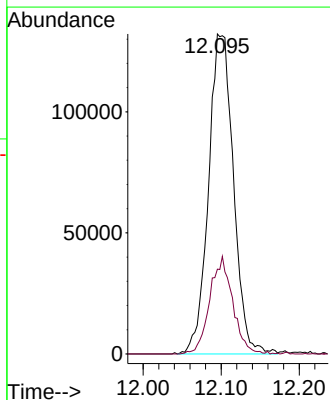
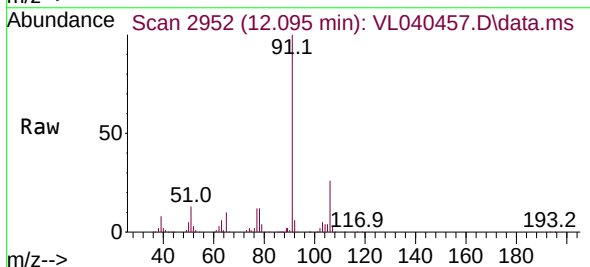
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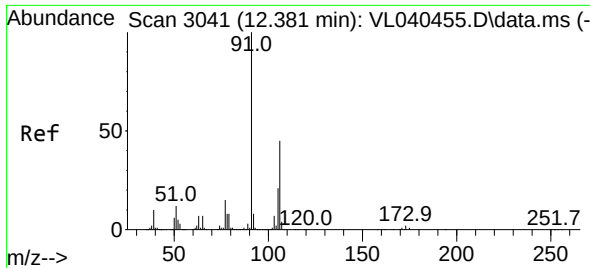
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#58
Ethyl Benzene
Concen: 0.995 ppbv m
RT: 12.095 min Scan# 2952
Delta R.T. -0.006 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

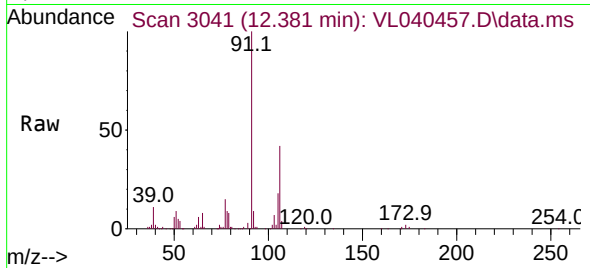
Tgt Ion: 91 Resp: 293942
Ion Ratio Lower Upper
91 100
106 26.5 23.7 35.5





#59
m/p-Xylene
Concen: 2.031 ppbv m
RT: 12.381 min Scan# 3041
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

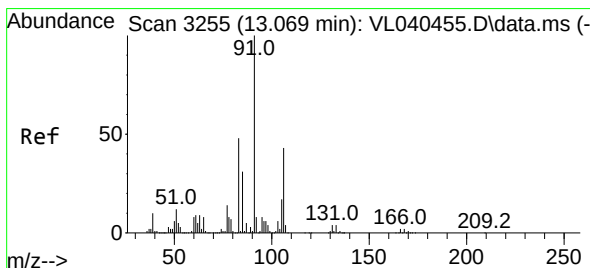
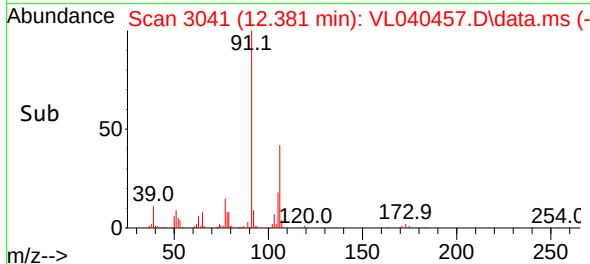
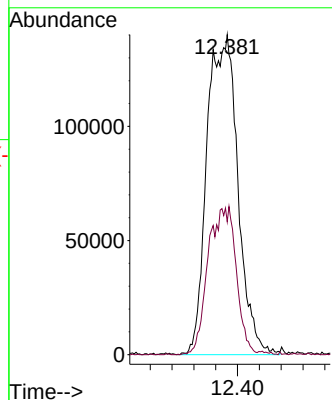
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 91 Resp: 55014
Ion Ratio Lower Upper
91 100
106 0.0 34.6 52.0

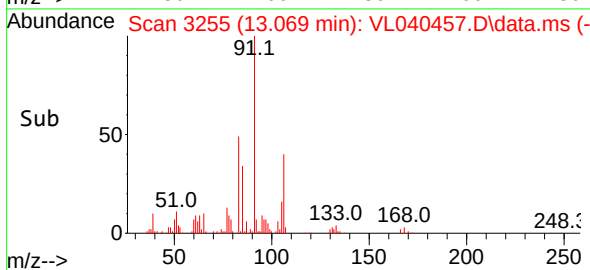
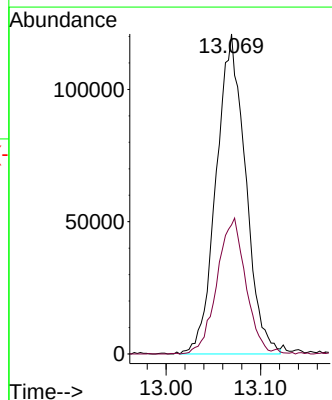
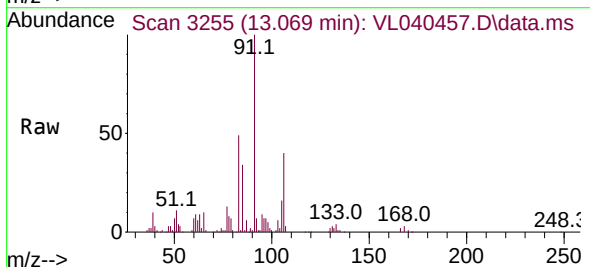
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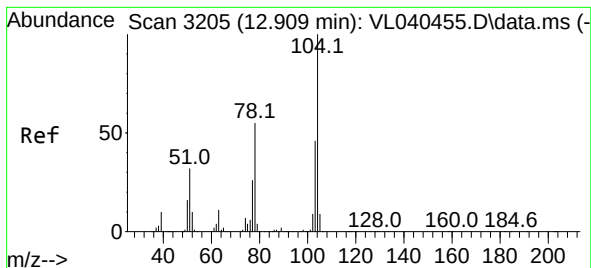
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#60
o-Xylene
Concen: 1.009 ppbv
RT: 13.069 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

Tgt Ion: 91 Resp: 260028
Ion Ratio Lower Upper
91 100
106 42.0 22.1 66.1





#61

Styrene

Concen: 0.869 ppbv

RT: 12.912 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040457.D

Acq: 5 Jun 2023 15:27

Instrument :

MSVOA_L

ClientSampleId :

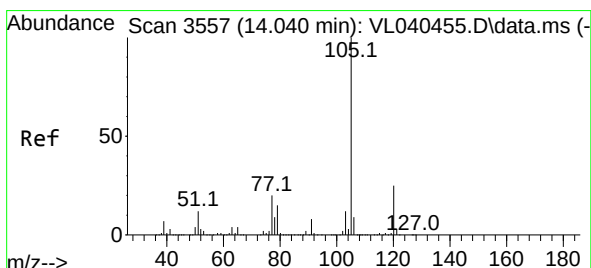
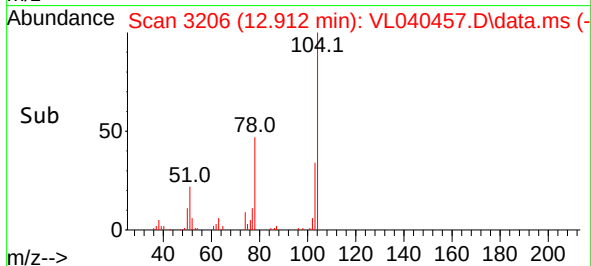
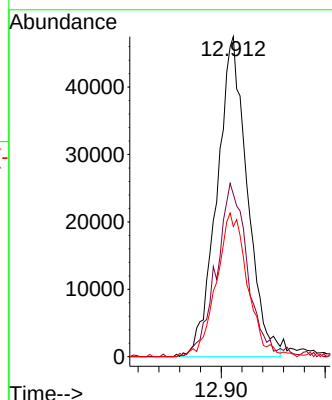
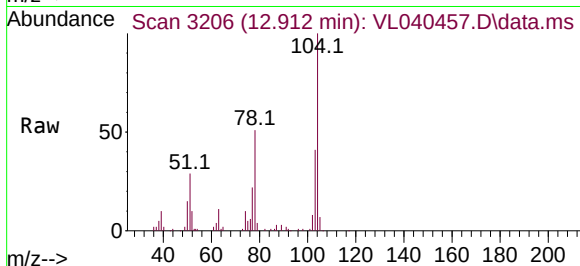
VSTDIC001

Tgt Ion:104	Resp:	96299
Ion Ratio	Lower	Upper
104	100	
78	56.4	43.1 64.7
103	46.3	37.1 55.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#62

Isopropylbenzene

Concen: 1.006 ppbv

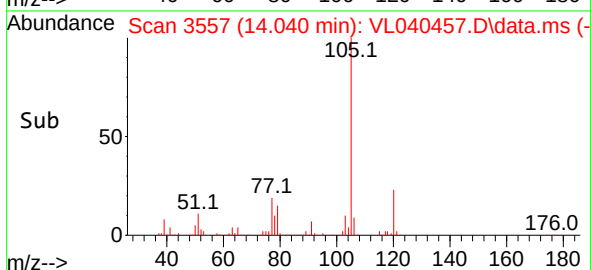
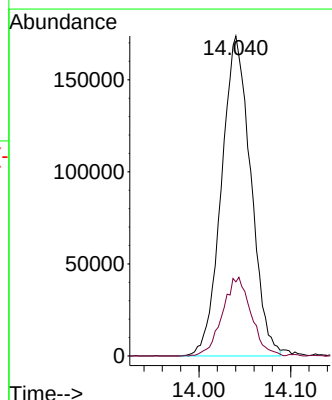
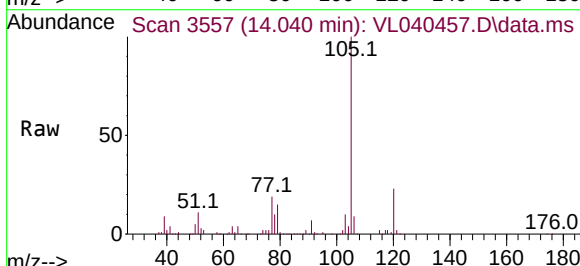
RT: 14.040 min Scan# 3557

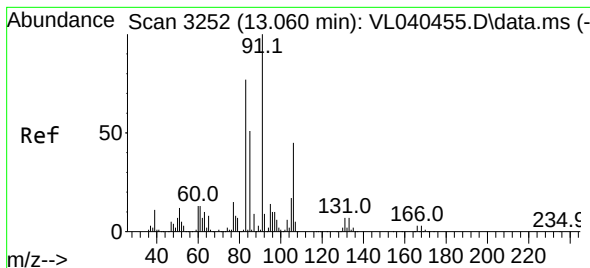
Delta R.T. -0.000 min

Lab File: VL040457.D

Acq: 5 Jun 2023 15:27

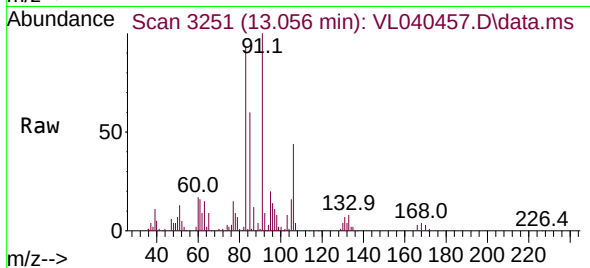
Tgt Ion:105	Resp:	385291
Ion Ratio	Lower	Upper
105	100	
120	24.4	20.2 30.4





#63
1,1,2,2-Tetrachloroethane
Concen: 1.034 ppbv
RT: 13.056 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

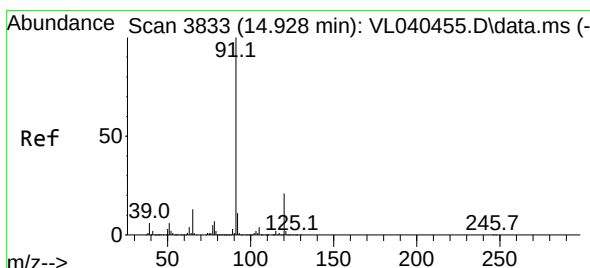
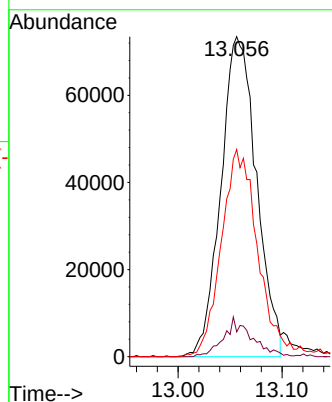
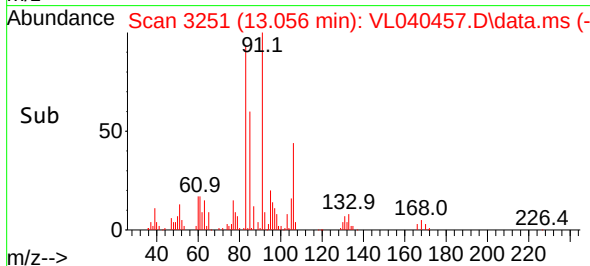
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 83 Resp: 17487
Ion Ratio Lower Upper
83 100
131 9.8 4.5 13.7
85 67.6 33.0 99.0

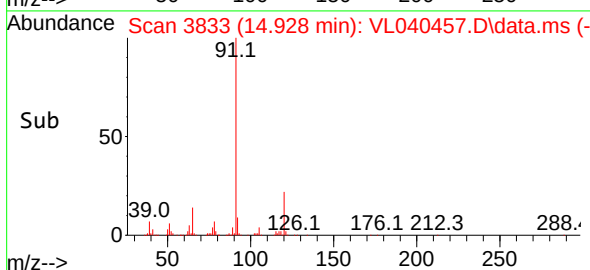
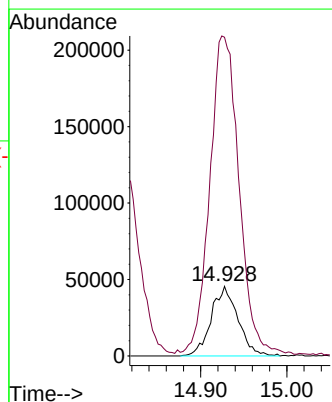
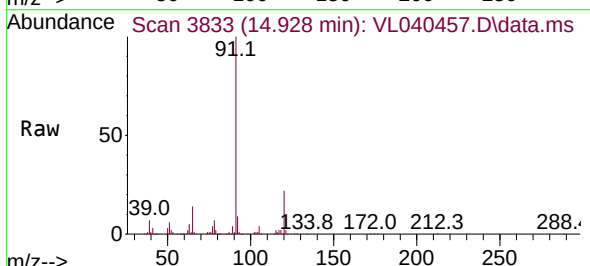
Manual Integrations
APPROVED

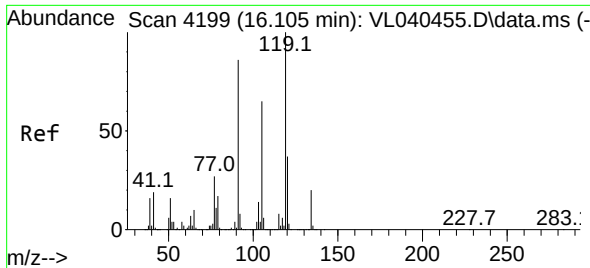
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#64
n-propylbenzene
Concen: 1.093 ppbv m
RT: 14.928 min Scan# 3833
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

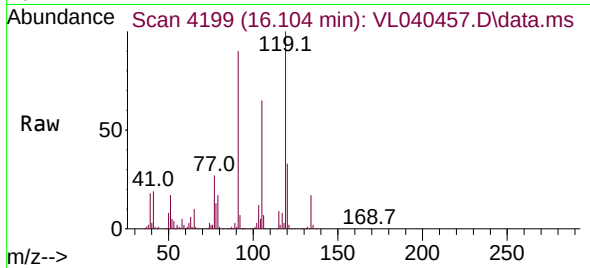
Tgt Ion:120 Resp: 98008
Ion Ratio Lower Upper
120 100
91 501.8 388.5 582.7





#65
tert-Butylbenzene
Concen: 1.020 ppbv m
RT: 16.104 min Scan# 4199
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

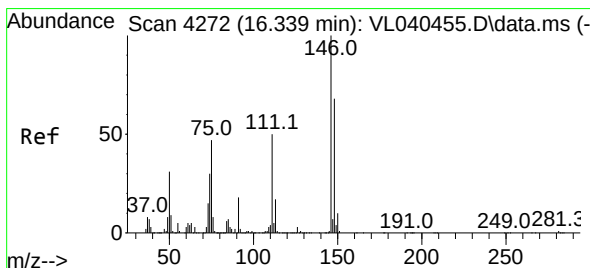
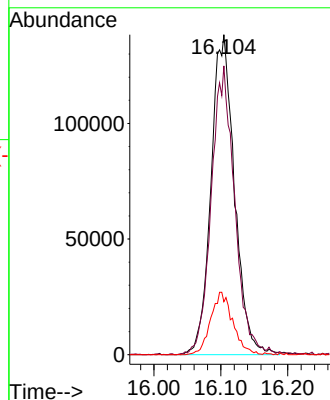
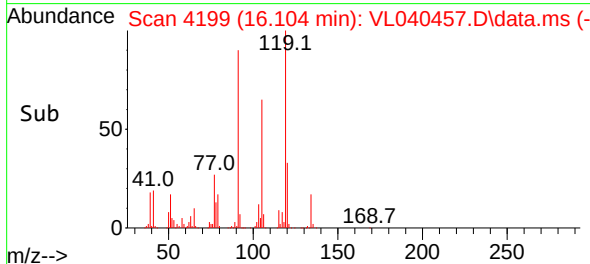
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



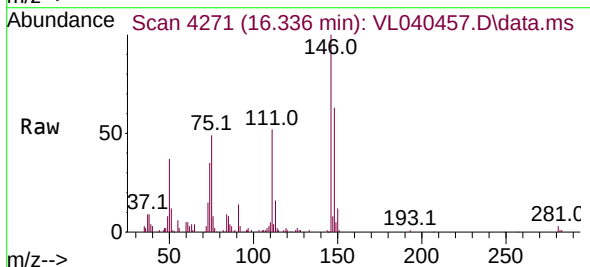
Tgt Ion: 119 Resp: 337700
Ion Ratio Lower Upper
119 100
91 0.0 70.5 105.7
134 18.5 15.6 23.4

Manual Integrations
APPROVED

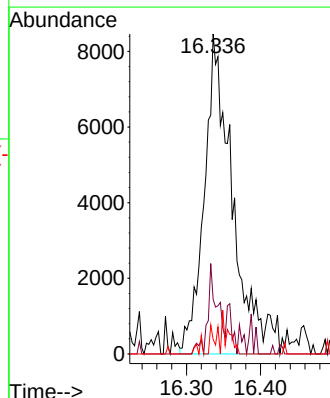
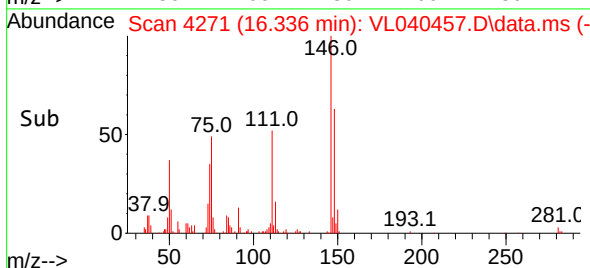
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

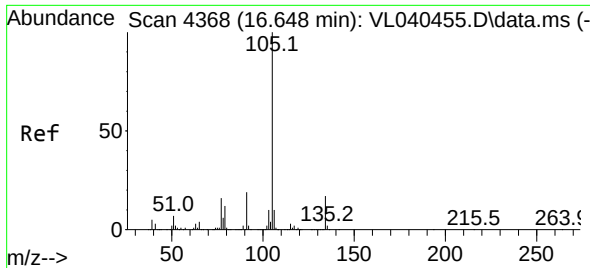


#66
Benzyl Chloride
Concen: 0.917 ppbv m
RT: 16.336 min Scan# 4271
Delta R.T. -0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27



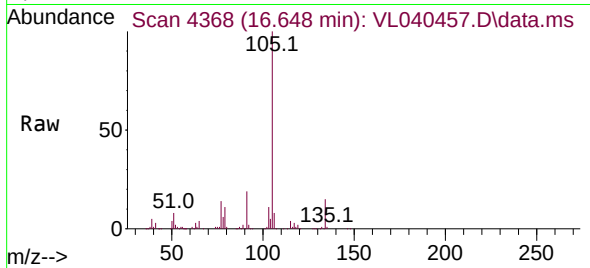
Tgt Ion: 91 Resp: 22539
Ion Ratio Lower Upper
91 100
126 16.1 13.2 19.8
128 0.0 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 1.011 ppbv
 RT: 16.648 min Scan# 4368
 Delta R.T. -0.000 min
 Lab File: VL040457.D
 Acq: 5 Jun 2023 15:27

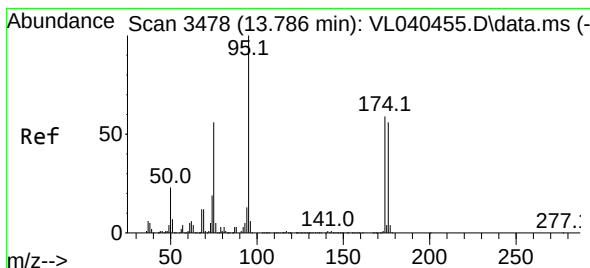
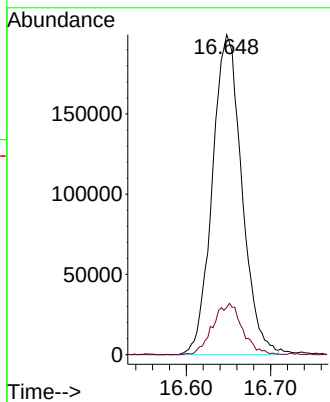
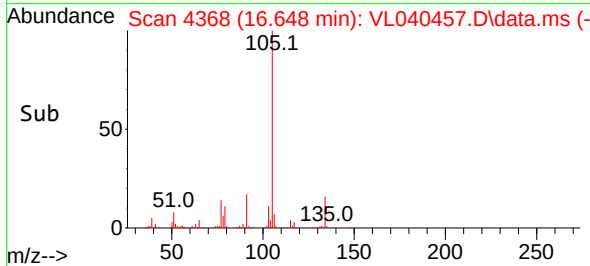
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



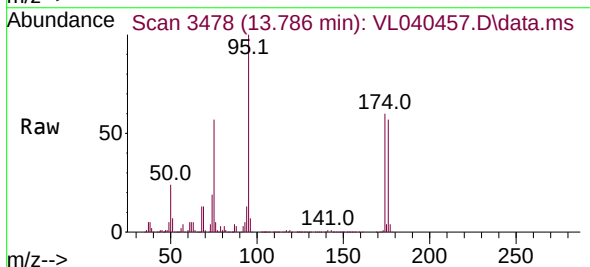
Tgt Ion:105 Resp: 48430
 Ion Ratio Lower Upper
 105 100
 134 16.3 14.0 21.0

Manual Integrations
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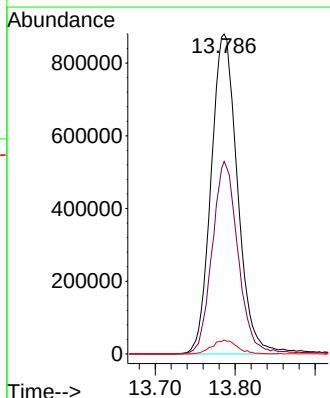
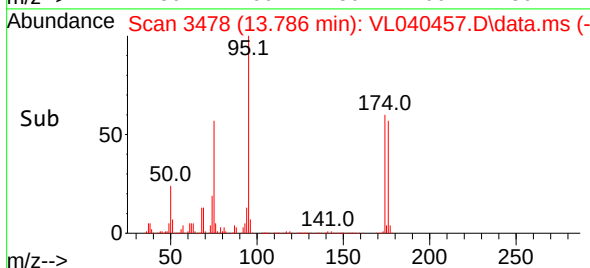
Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023

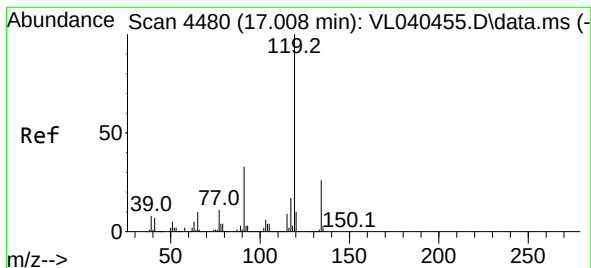


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.968 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. -0.000 min
 Lab File: VL040457.D
 Acq: 5 Jun 2023 15:27



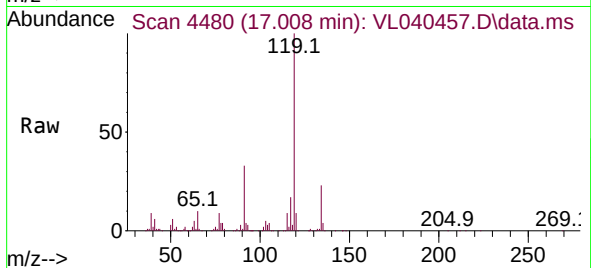
Tgt Ion: 95 Resp: 2006939
 Ion Ratio Lower Upper
 95 100
 174 60.0 47.7 71.5
 175 4.3 3.5 5.3





#69
p-Isopropyltoluene
Concen: 1.002 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

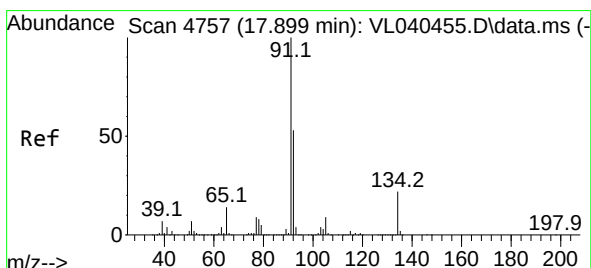
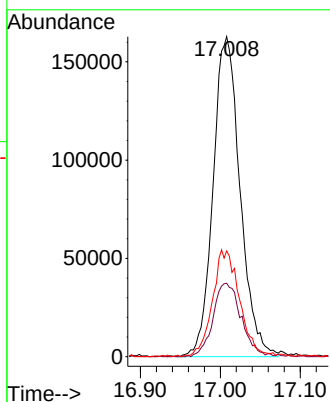
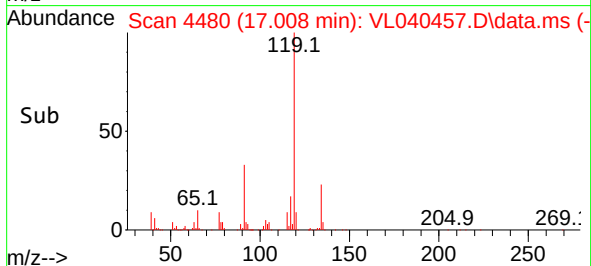
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



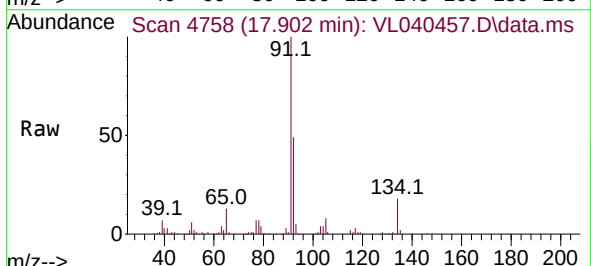
Tgt Ion: 119 Resp: 381218
Ion Ratio Lower Upper
119 100
134 24.2 20.3 30.5
91 34.0 25.5 38.3

Manual Integrations
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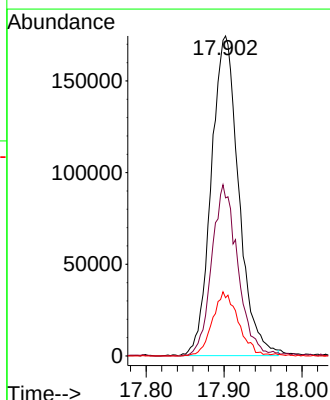
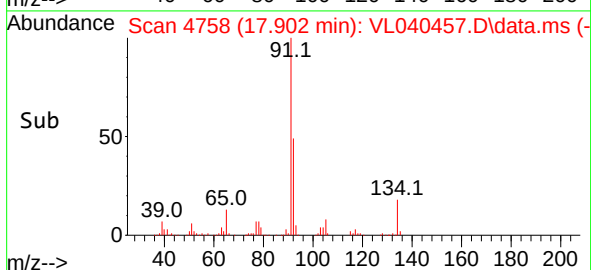
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

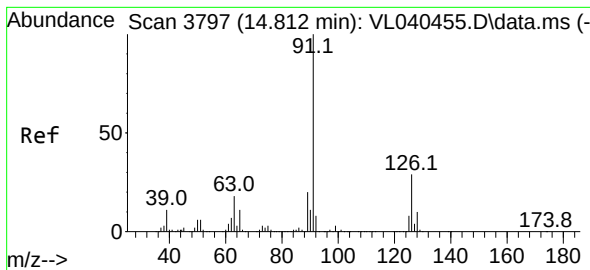


#70
n-Butylbenzene
Concen: 1.007 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27



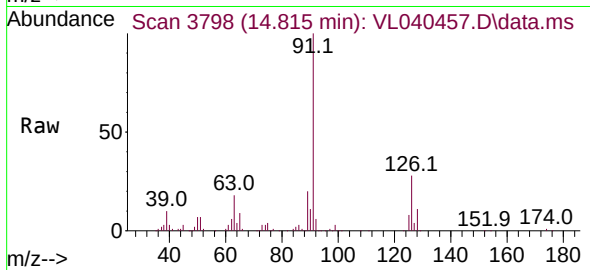
Tgt Ion: 91 Resp: 427871
Ion Ratio Lower Upper
91 100
92 51.5 42.7 64.1
134 19.3 16.9 25.3





#71
2-Chlorotoluene
Concen: 0.966 ppbv
RT: 14.815 min Scan# 3797
Delta R.T. 0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

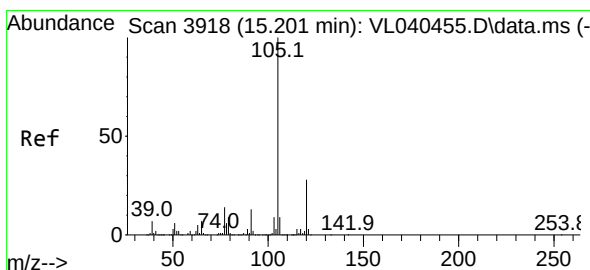
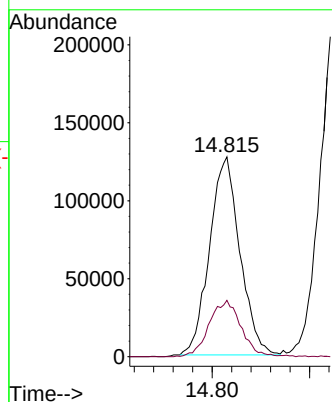
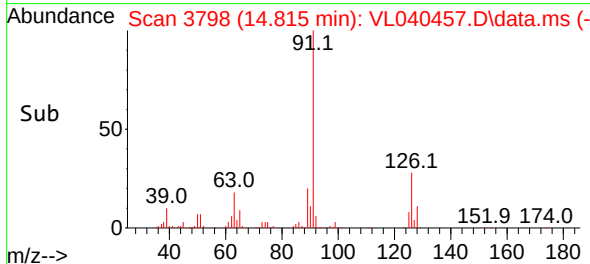
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



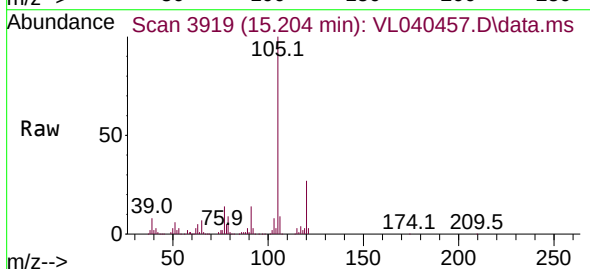
Tgt Ion: 91 Resp: 274836
Ion Ratio Lower Upper
91 100
126 30.1 12.0 48.2

Manual Integrations
APPROVED

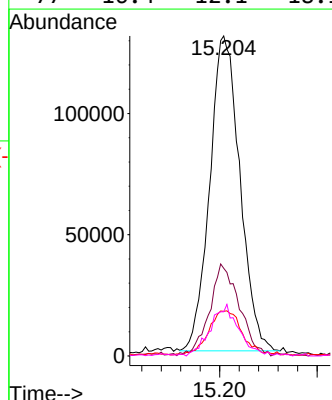
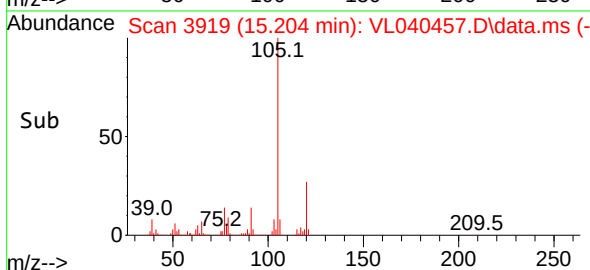
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

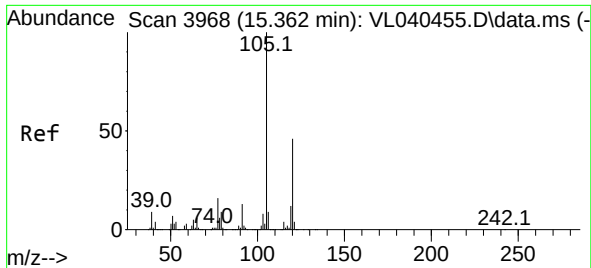


#72
4-Ethyltoluene
Concen: 0.961 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27



Tgt Ion:105 Resp: 278957
Ion Ratio Lower Upper
105 100
120 29.2 23.4 35.0
91 15.8 11.1 16.7
77 16.4 12.1 18.1





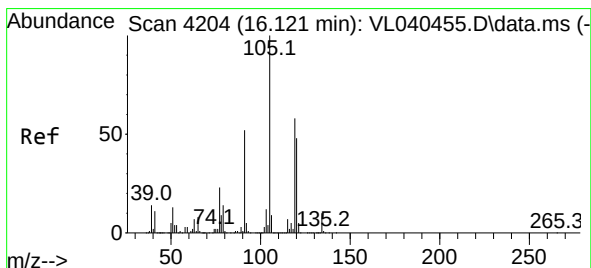
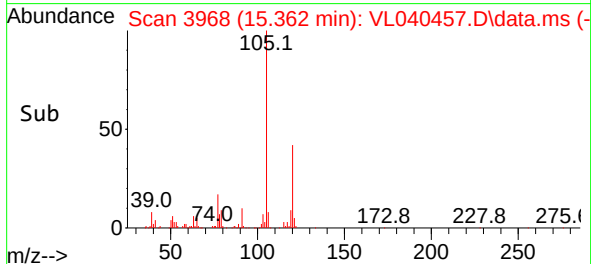
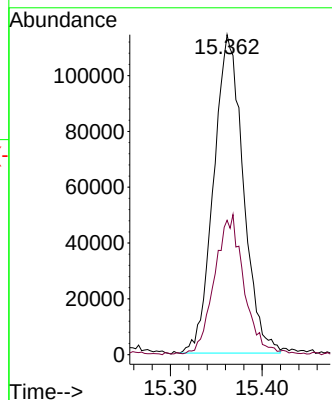
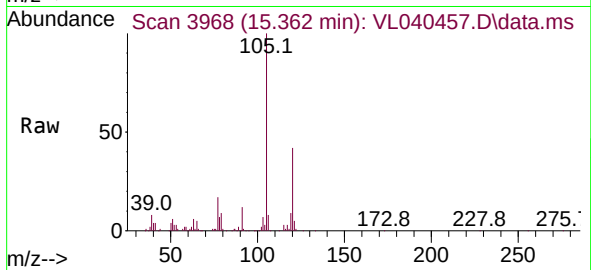
#73
1,3,5-Trimethylbenzene
Concen: 0.997 ppbv
RT: 15.362 min Scan# 3968
Delta R.T. -0.000 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:105 Resp: 255790
Ion Ratio Lower Upper
105 100
120 41.8 36.4 54.6

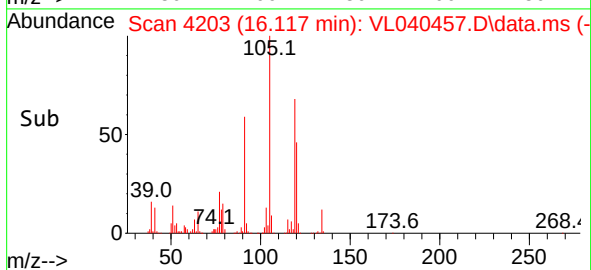
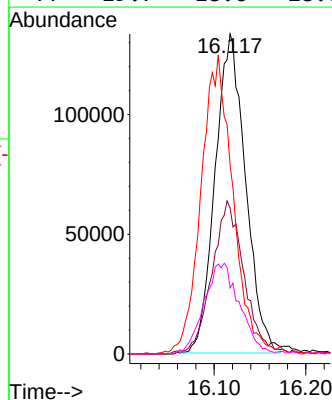
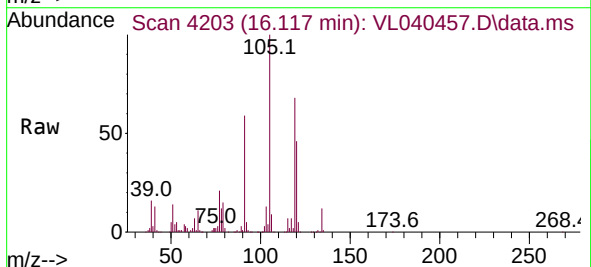
Manual Integrations
APPROVED

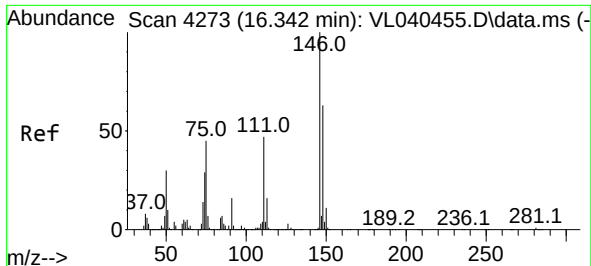
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#74
1,2,4-Trimethylbenzene
Concen: 1.018 ppbv
RT: 16.117 min Scan# 4203
Delta R.T. -0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

Tgt Ion:105 Resp: 307312
Ion Ratio Lower Upper
105 100
120 44.8 38.4 57.6
91 56.7 41.3 61.9
77 19.7 18.6 28.0





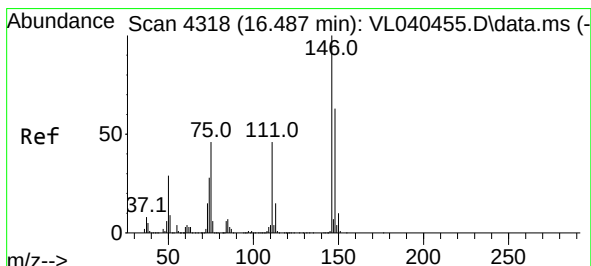
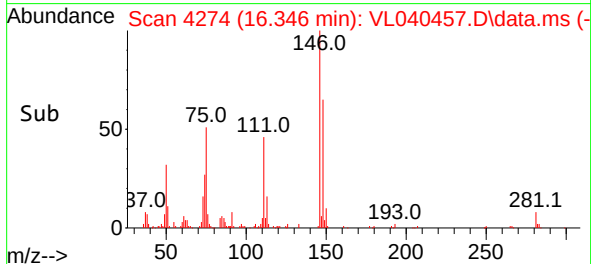
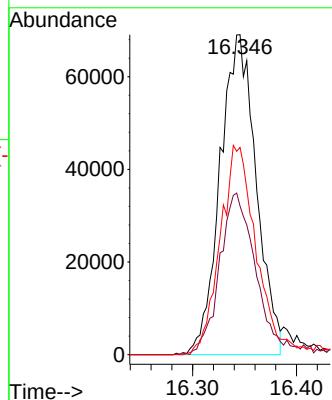
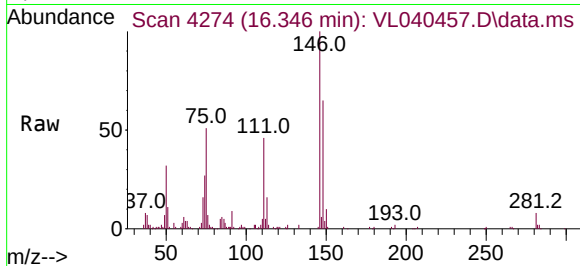
#75
1,3-Dichlorobenzene
Concen: 0.987 ppbv
RT: 16.346 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 166640
Ion Ratio Lower Upper
146 100
111 52.1 24.6 73.8
148 65.7 32.4 97.2

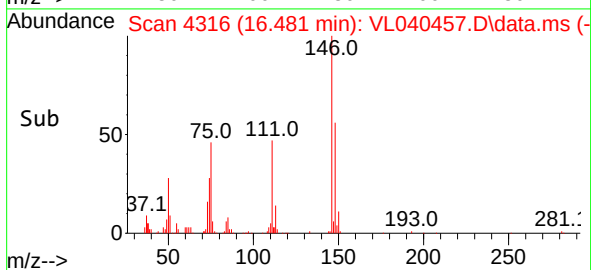
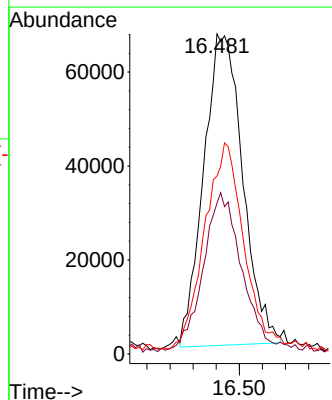
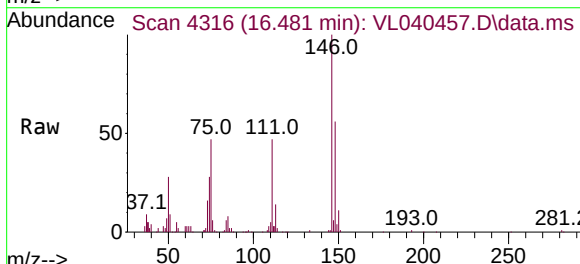
Manual Integrations
APPROVED

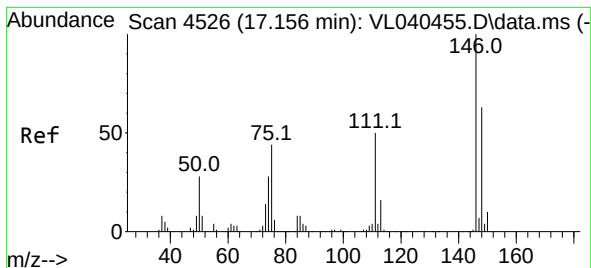
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#76
1,4-Dichlorobenzene
Concen: 0.930 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. -0.006 min
Lab File: VL040457.D
Acq: 5 Jun 2023 15:27

Tgt Ion:146 Resp: 155576
Ion Ratio Lower Upper
146 100
111 52.7 23.8 71.5
148 74.7 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 1.000 ppbv

RT: 17.159 min Scan# 4527

Delta R.T. 0.003 min

Lab File: VL040457.D

Acq: 5 Jun 2023 15:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:146 Resp: 16198

Ion Ratio Lower Upper

146 100

111 53.7 25.1 75.3

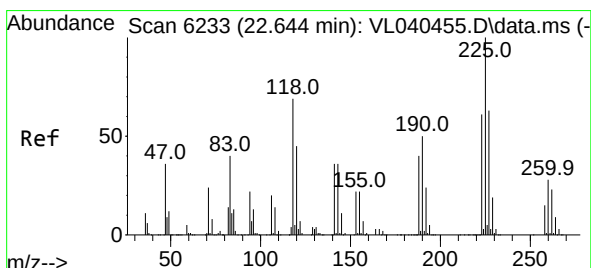
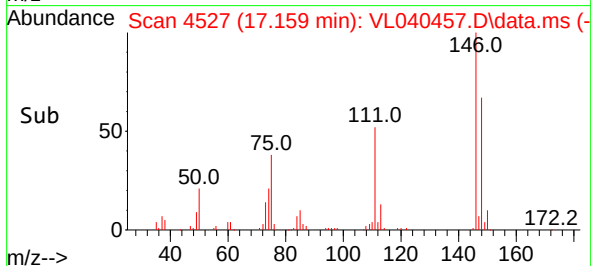
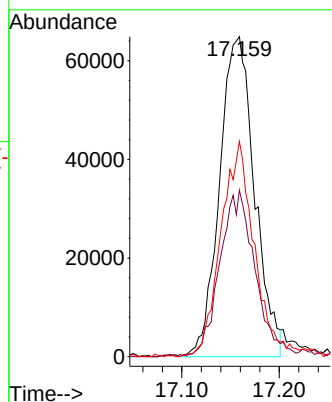
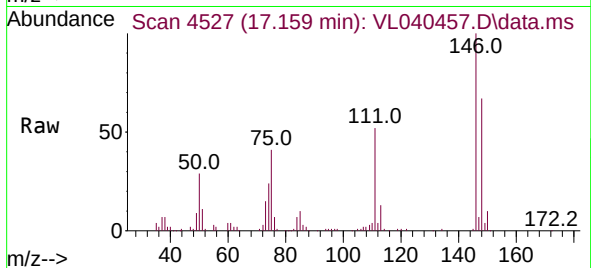
148 65.2 32.0 96.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#78

Hexachloro-1,3-Butadiene

Concen: 1.037 ppbv

RT: 22.644 min Scan# 6233

Delta R.T. -0.000 min

Lab File: VL040457.D

Acq: 5 Jun 2023 15:27

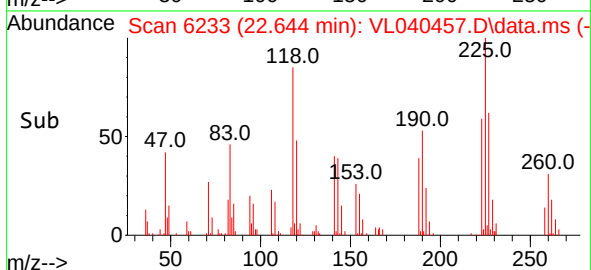
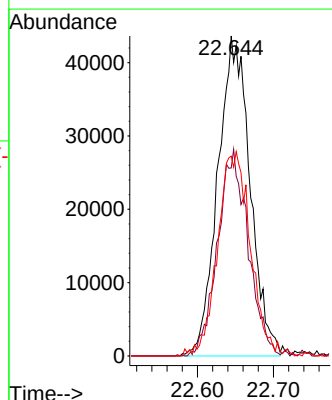
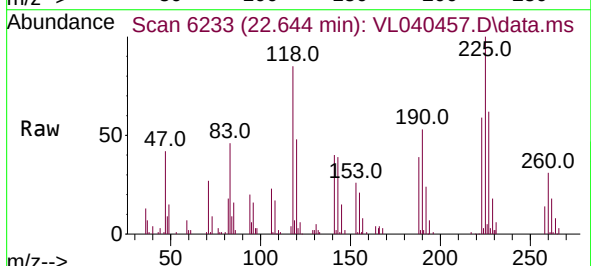
Tgt Ion:225 Resp: 128387

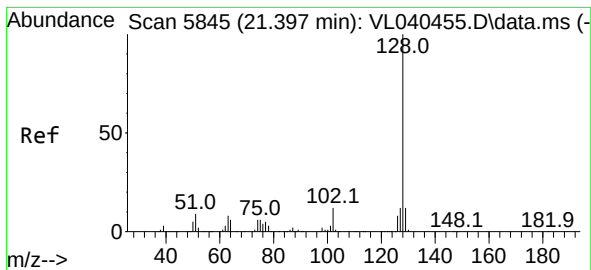
Ion Ratio Lower Upper

225 100

223 61.3 50.0 75.0

227 65.0 50.9 76.3





#79

Naphthalene

Concen: 0.968 ppbv

RT: 21.403 min Scan# 5847

Delta R.T. 0.006 min

Lab File: VL040457.D

Acq: 5 Jun 2023 15:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:128 Resp: 16750

Ion Ratio Lower Upper

128 100

127 10.3 9.9 14.9

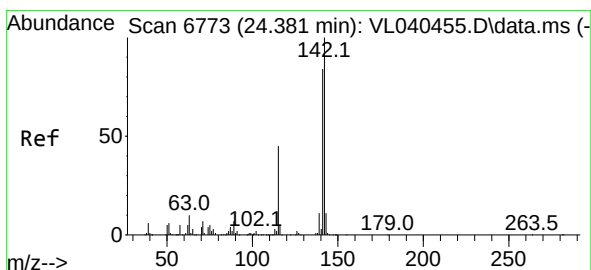
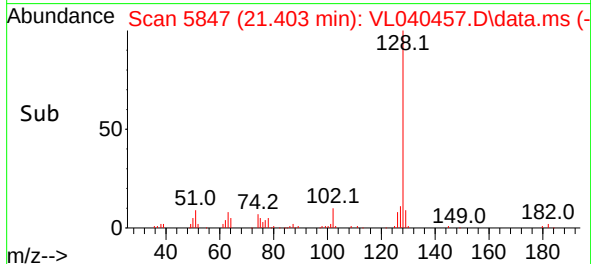
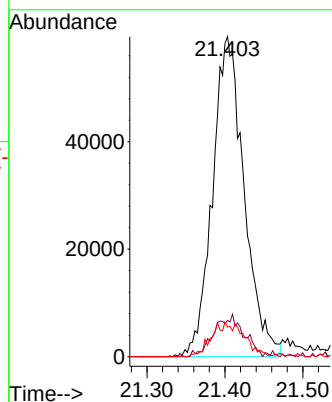
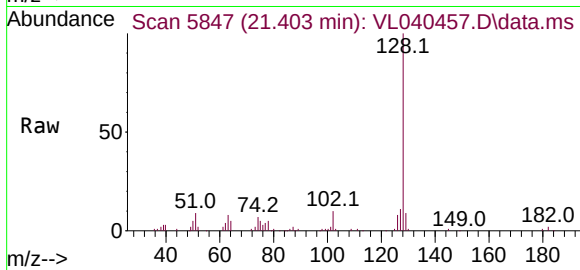
129 9.2 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#80

Naphthalene,2-methyl-

Concen: 0.669 ppbv m

RT: 24.384 min Scan# 6774

Delta R.T. 0.003 min

Lab File: VL040457.D

Acq: 5 Jun 2023 15:27

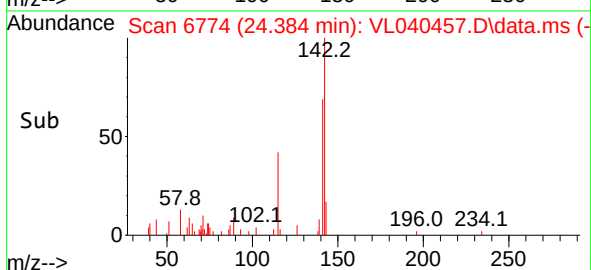
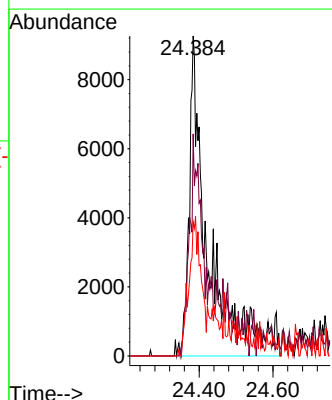
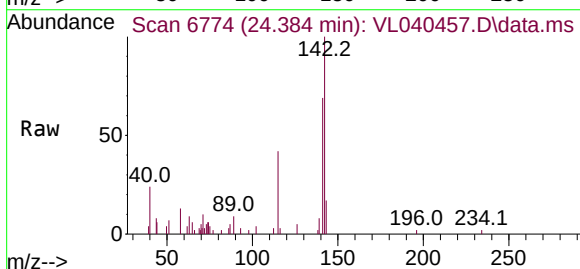
Tgt Ion:142 Resp: 32574

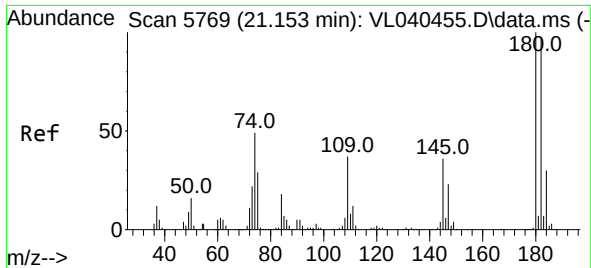
Ion Ratio Lower Upper

142 100

141 67.2 65.4 98.0

115 38.1 36.6 55.0





#81

1,2,4-Trichlorobenzene

Concen: 0.937 ppbv m

RT: 21.159 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL040457.D

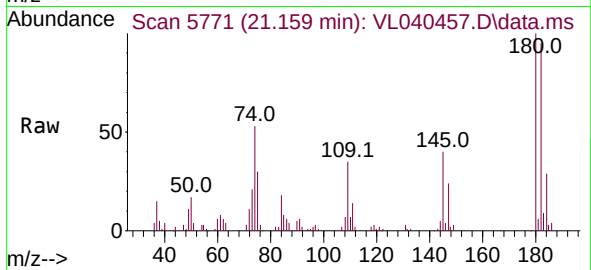
Acq: 5 Jun 2023 15:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



Tgt Ion:180 Resp: 112410

Ion Ratio Lower Upper

180 100

182 97.0 77.2 115.8

184 29.9 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023

