

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
 Data File : VL041123.D
 Acq On : 4 Apr 2024 11:23
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

Quant Time: Apr 05 04:17:19 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M

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

QLast Update : Fri Apr 05 04:13:19 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	1419721	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.681	114	3651490	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.500	117	3267363	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.809 95 2692141 10.284 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.735	85	142152	0.584	ppbv	89
3) Chlorodifluoromethane	2.678	51	119336	0.546	ppbv	100
4) Chloromethane	2.819	50	44863	0.542	ppbv	91
5) Vinyl Chloride	2.928	62	42545	0.538	ppbv	100
6) Bromomethane	3.131	94	15135	0.503	ppbv	83
7) Chloroethane	3.205	64	14620m	0.508	ppbv	
8) Dichlorotetrafluoroethane	2.864	85	111325	0.537	ppbv	99
9) Propene	2.700	41	35117	0.505	ppbv	91
10) Heptane	7.607	43	74335	0.450	ppbv	98
11) Trichlorofluoromethane	3.575	101	118102	0.536	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.083	101	82707	0.519	ppbv	97
13) Ethanol	3.272	45	7923m	0.489	ppbv	
14) Bromoethene	3.378	108	32939	0.525	ppbv #	96
15) Acetone	3.494	43	80910	0.526	ppbv	92
16) 1,3-Butadiene	2.996	39	36753	0.487	ppbv	91
17) tert-Butyl alcohol	3.909	59	67070m	0.481	ppbv	
18) 1,1-Dichloroethene	3.896	96	34267	0.504	ppbv #	90
19) Isopropyl Alcohol	3.610	45	44800m	0.474	ppbv	
20) Methylene Chloride	3.948	84	37303	0.588	ppbv	93
21) Allyl Chloride	4.018	41	47816	0.510	ppbv	89
22) trans-1,2-Dichloroethene	4.465	96	38694m	0.545	ppbv	
23) Vinyl Acetate	4.658	43	73932m	0.464	ppbv	
24) 1,1-Dichloroethane	4.584	63	74257	0.520	ppbv	96
25) Ethyl Acetate	5.237	43	142641	0.494	ppbv #	95
26) Hexane	5.234	57	62390	0.482	ppbv	89
27) Carbon Disulfide	4.144	76	73008m	0.464	ppbv	
28) Methyl tert-Butyl Ether	4.620	73	47547	0.486	ppbv	97
29) Chloroform	5.292	83	113625	0.520	ppbv	96
30) Cyclohexane	6.632	84	54496m	0.523	ppbv	
31) cis-1,2-Dichloroethene	5.099	61	58059	0.474	ppbv	95
32) 1,1,1-Trichloroethane	6.028	97	105495	0.523	ppbv	98
34) 2-Butanone	4.819	43	75524	0.479	ppbv	99
35) Carbon Tetrachloride	6.517	117	106043	0.509	ppbv #	93
36) Benzene	6.401	78	130572m	0.487	ppbv	
37) 1,2-Dichloroethane	5.832	62	81410	0.506	ppbv	98
38) Trichloroethene	7.317	130	47038	0.484	ppbv	96
39) 1,2-Dichloropropane	7.095	63	53370m	0.502	ppbv	
40) 1,4-Dioxane	7.343	88	15608m	0.428	ppbv	
41) Tetrahydrofuran	5.610	42	45117	0.447	ppbv	98
42) Bromodichloromethane	7.275	83	106596	0.463	ppbv #	92
43) Methyl Methacrylate	7.510	69	41623m	0.447	ppbv	
44) 2,2,4-Trimethylpentane	7.356	57	203674	0.459	ppbv	94
45) t-1,3-Dichloropropene	8.748	75	22841m	0.381	ppbv	

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Instrument :
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Manual Integrations
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Reviewed By : Semsettin Yesilyurt 04/05/2024
 Supervised By : Mahesh Dadoda 04/05/2024

Quant Time: Apr 05 04:17:19 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M

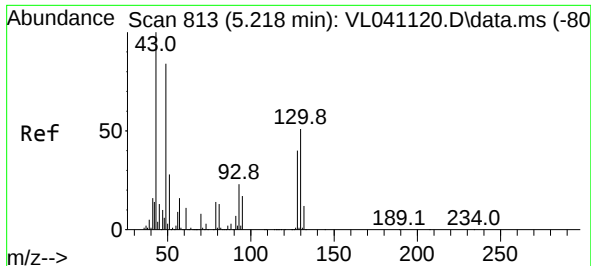
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Apr 05 04:13:19 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.169	75	33108m	0.434	ppbv	
47) 1,1,2-Trichloroethane	8.931	97	57381m	0.502	ppbv	
48) Dibromochloromethane	9.742	129	77548	0.428	ppbv	99
49) Bromoform	12.436	173	59453m	0.413	ppbv	
50) 4-Methyl-2-Pentanone	8.227	43	120328m	0.445	ppbv	
51) 2-Hexanone	9.610	43	74587m	0.398	ppbv	
52) Tetrachloroethene	10.645	164	41258	0.480	ppbv	99
53) Toluene	9.250	91	114416m	0.404	ppbv	
54) 1,2-Dibromoethane	10.041	107	69649m	0.489	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.539	131	67861	0.508	ppbv #	1
57) Chlorobenzene	11.555	112	119362m	0.540	ppbv	
58) Ethyl Benzene	12.121	91	154261	0.434	ppbv	90
59) m/p-Xylene	12.391	91	296960m	0.923	ppbv	
60) o-Xylene	13.089	91	138650m	0.453	ppbv	
61) Styrene	12.934	104	49943m	0.369	ppbv	
62) Isopropylbenzene	14.066	105	222727m	0.490	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.085	83	135335m	0.561	ppbv	
64) n-propylbenzene	14.950	120	51569m	0.454	ppbv	
65) tert-Butylbenzene	16.124	119	179292m	0.452	ppbv	
66) Benzyl Chloride	16.362	91	10652m	0.407	ppbv	
67) sec-Butylbenzene	16.674	105	265180	0.464	ppbv	99
69) p-Isopropyltoluene	17.034	119	192236	0.431	ppbv	96
70) n-Butylbenzene	17.925	91	207844m	0.428	ppbv	
71) 2-Chlorotoluene	14.835	91	164721m	0.474	ppbv	
72) 4-Ethyltoluene	15.230	105	153266m	0.454	ppbv	
73) 1,3,5-Trimethylbenzene	15.388	105	137719m	0.459	ppbv	
74) 1,2,4-Trimethylbenzene	16.140	105	153563	0.444	ppbv #	89
75) 1,3-Dichlorobenzene	16.375	146	96836m	0.482	ppbv	
76) 1,4-Dichlorobenzene	16.510	146	97550m	0.499	ppbv	
77) 1,2-Dichlorobenzene	17.179	146	92831	0.476	ppbv	98
78) Hexachloro-1,3-Butadiene	22.674	225	68438m	0.528	ppbv	
79) Naphthalene	21.429	128	80103m	0.369	ppbv	
80) Naphthalene,2-methyl-	24.432	142	12768m	0.335	ppbv	
81) 1,2,4-Trichlorobenzene	21.178	180	46941m	0.375	ppbv	

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



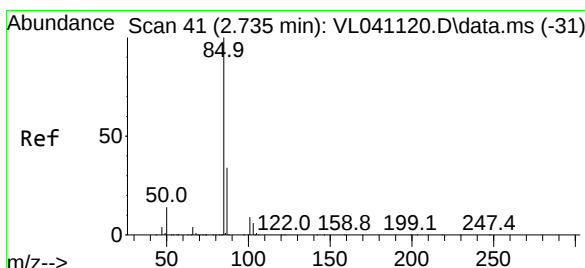
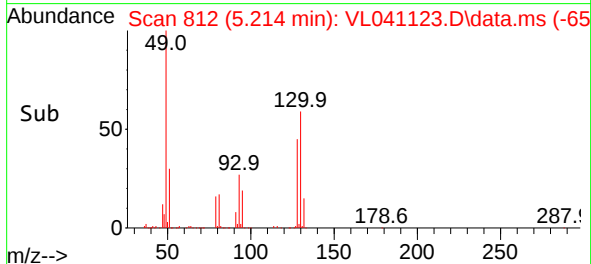
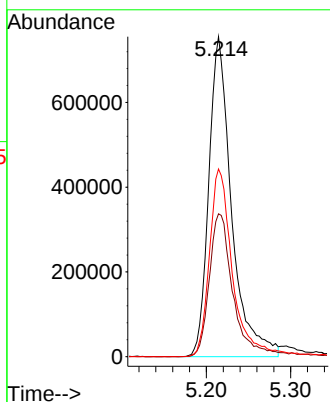
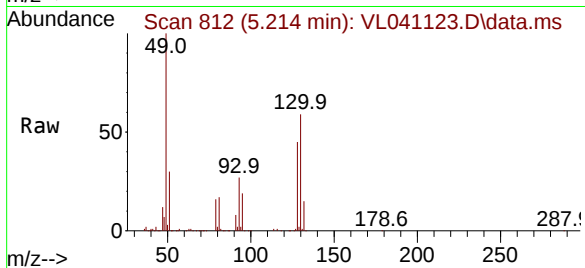
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. -0.004 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 49 Resp: 141972
Ion Ratio Lower Upper
49 100
128 47.5 23.6 71.0
130 60.8 30.1 90.5

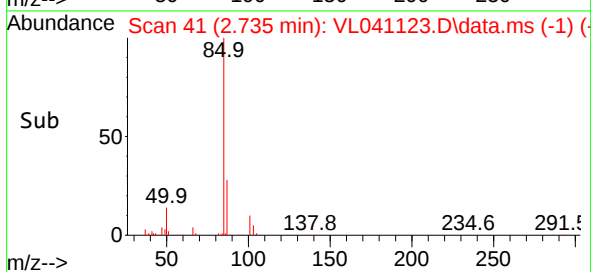
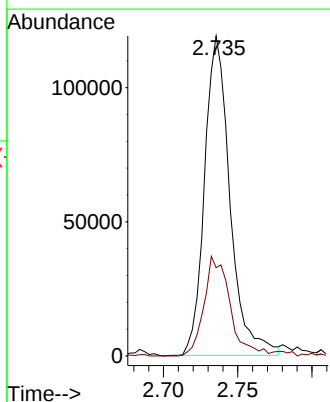
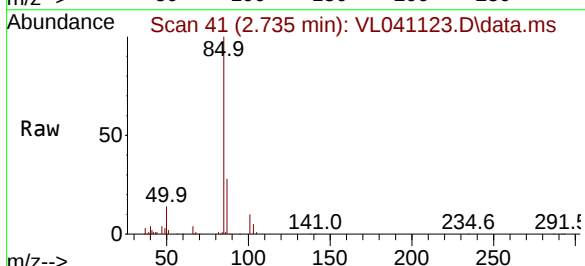
Manual Integrations
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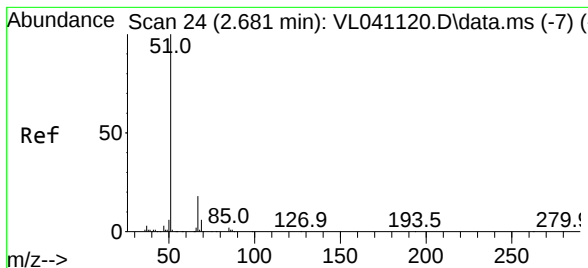
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#2
Dichlorodifluoromethane
Concen: 0.584 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

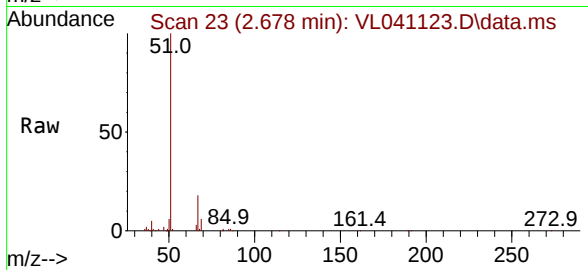
Tgt Ion: 85 Resp: 142152
Ion Ratio Lower Upper
85 100
87 27.7 27.0 40.6





#3
Chlorodifluoromethane
Concen: 0.546 ppbv
RT: 2.678 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

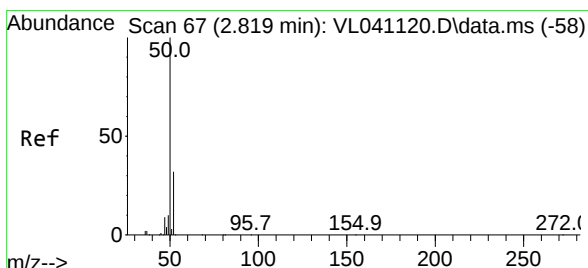
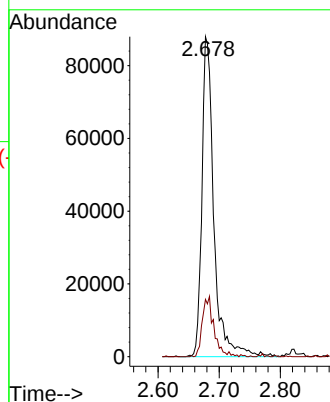
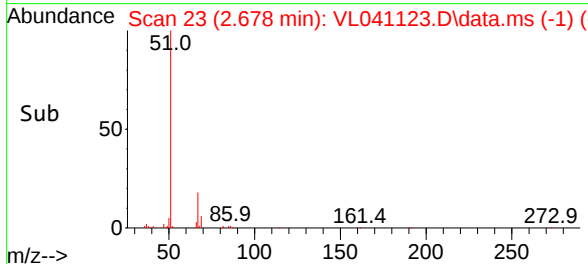
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 51 Resp: 119336
Ion Ratio Lower Upper
51 100
67 18.5 14.9 22.3

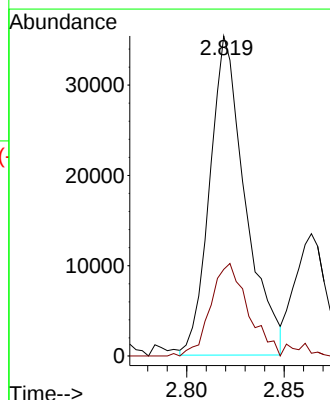
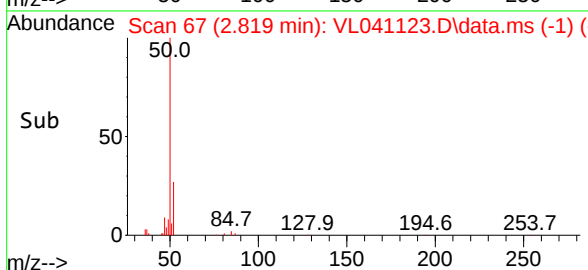
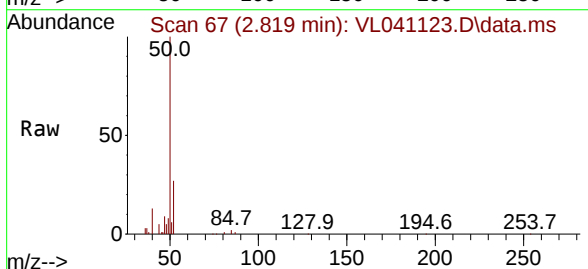
Manual Integrations
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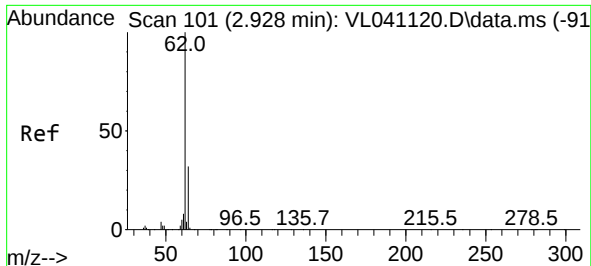
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#4
Chloromethane
Concen: 0.542 ppbv
RT: 2.819 min Scan# 67
Delta R.T. 0.000 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

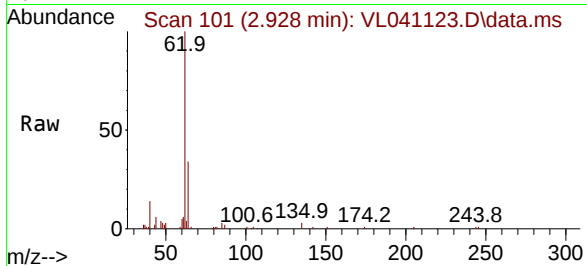
Tgt Ion: 50 Resp: 44863
Ion Ratio Lower Upper
50 100
52 27.5 26.0 39.0





#5
 Vinyl Chloride
 Concen: 0.538 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.000 min
 Lab File: VL041123.D
 Acq: 4 Apr 2024 11:23

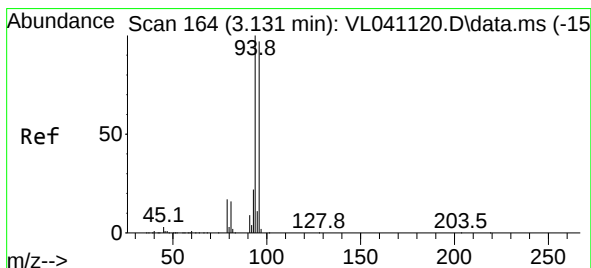
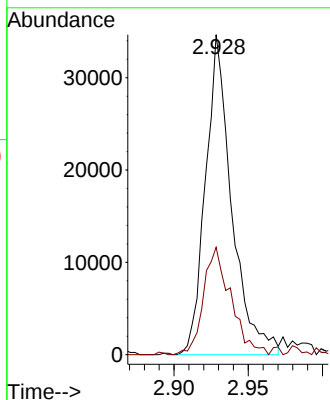
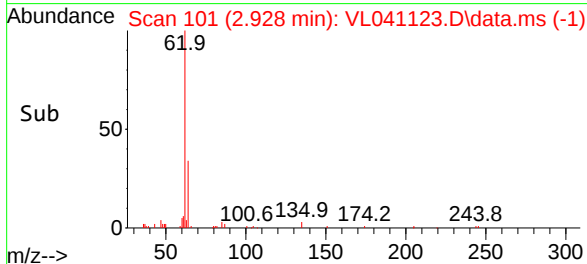
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 62 Resp: 42549
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.6 38.4

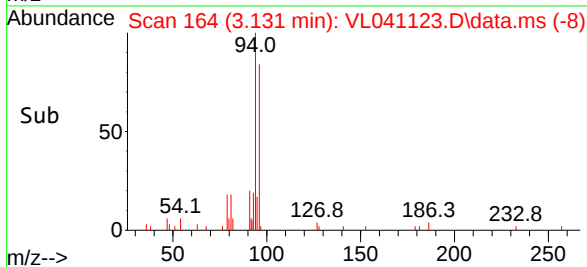
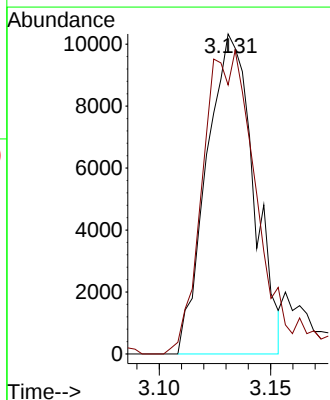
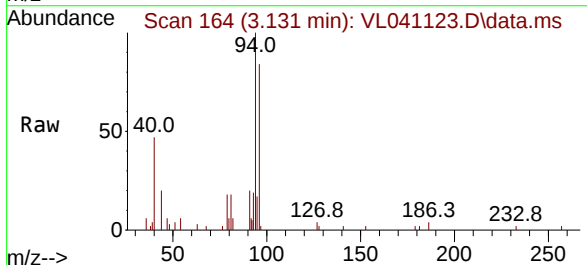
Manual Integrations
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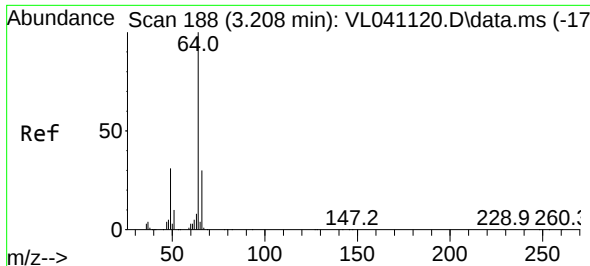
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024



#6
 Bromomethane
 Concen: 0.503 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. 0.000 min
 Lab File: VL041123.D
 Acq: 4 Apr 2024 11:23

Tgt Ion: 94 Resp: 15135
 Ion Ratio Lower Upper
 94 100
 96 80.4 77.9 116.9





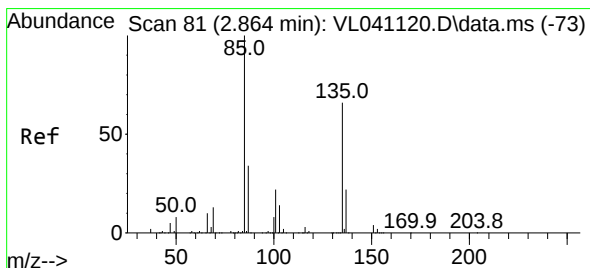
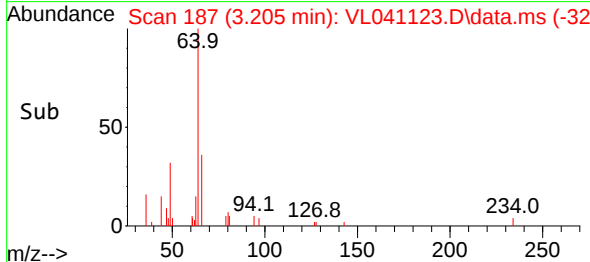
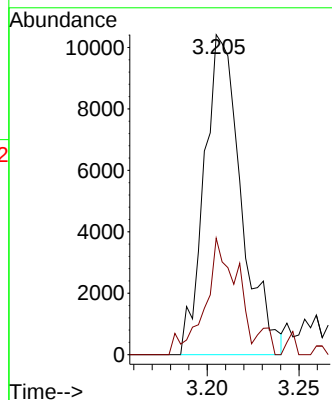
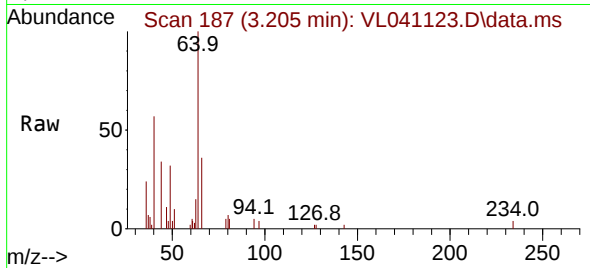
#7
Chloroethane
Concen: 0.508 ppbv m
RT: 3.205 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 64 Resp: 14620
Ion Ratio Lower Upper
64 100
66 36.4 24.2 36.4

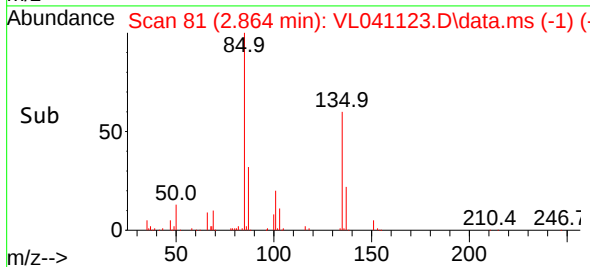
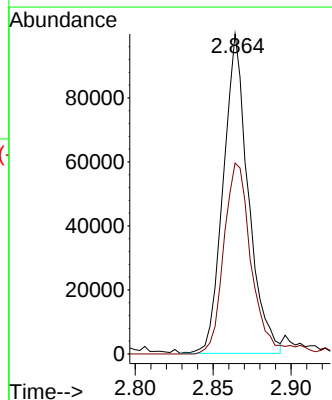
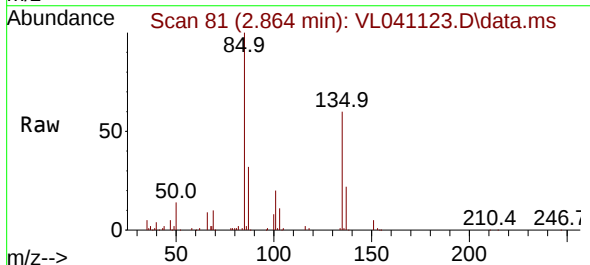
Manual Integrations
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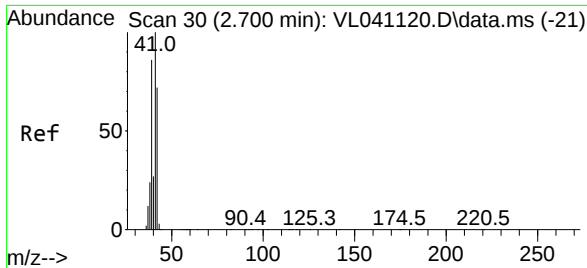
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#8
Dichlorotetrafluoroethane
Concen: 0.537 ppbv
RT: 2.864 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

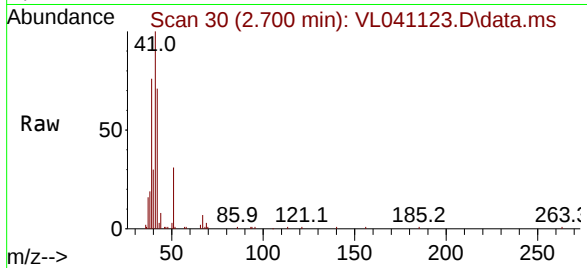
Tgt Ion: 85 Resp: 111325
Ion Ratio Lower Upper
85 100
135 68.4 54.2 81.2





#9
 Propene
 Concen: 0.505 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VL041123.D
 Acq: 4 Apr 2024 11:23

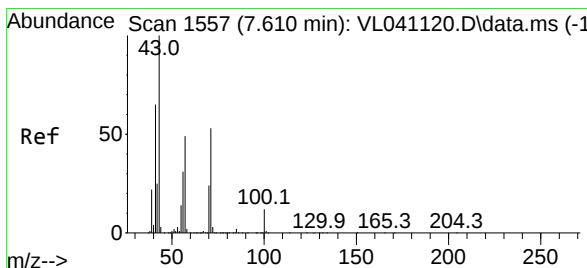
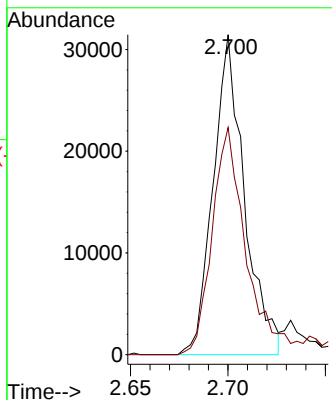
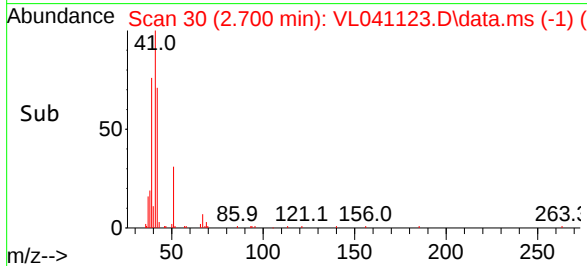
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



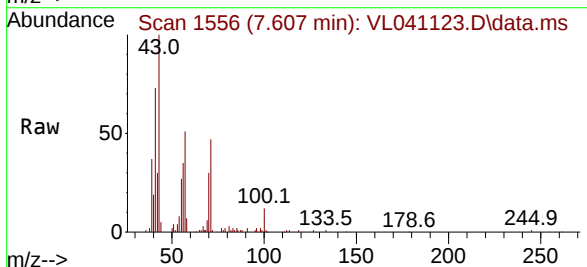
Tgt Ion: 41 Resp: 3511
 Ion Ratio Lower Upper
 41 100
 42 82.8 60.1 90.1

Manual Integrations
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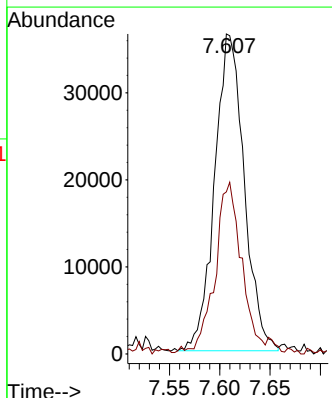
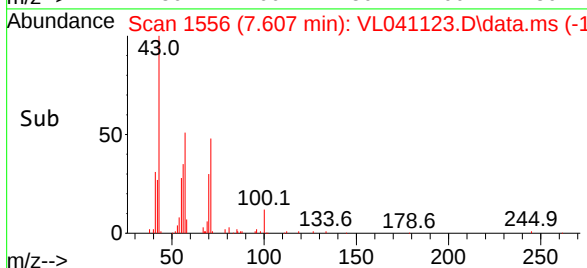
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

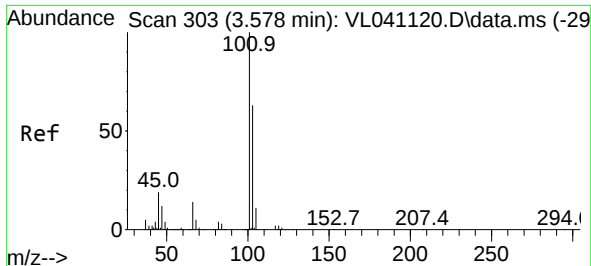


#10
 Heptane
 Concen: 0.450 ppbv
 RT: 7.607 min Scan# 1556
 Delta R.T. -0.003 min
 Lab File: VL041123.D
 Acq: 4 Apr 2024 11:23



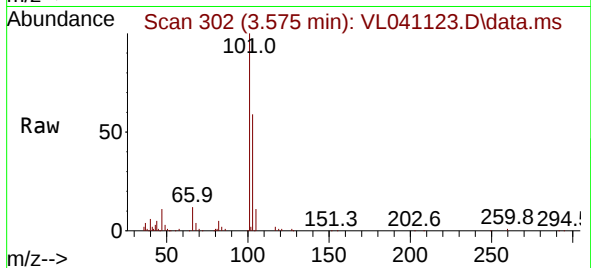
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 Ion Ratio Lower Upper
 43 100
 57 51.0 39.9 59.9





#11
Trichlorofluoromethane
Concen: 0.536 ppbv
RT: 3.575 min Scan# 303
Delta R.T. -0.003 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

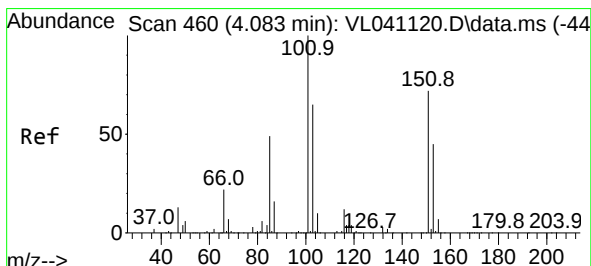
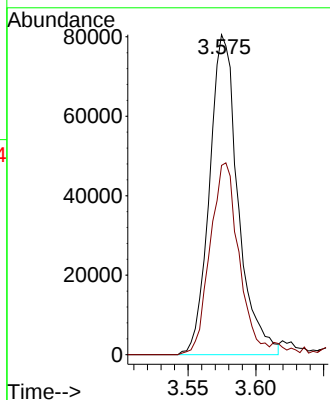
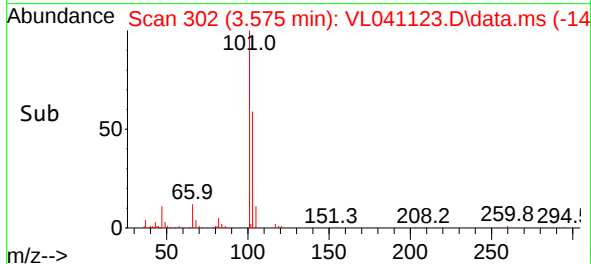
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:101 Resp: 118102
Ion Ratio Lower Upper
101 100
103 59.2 50.6 75.8

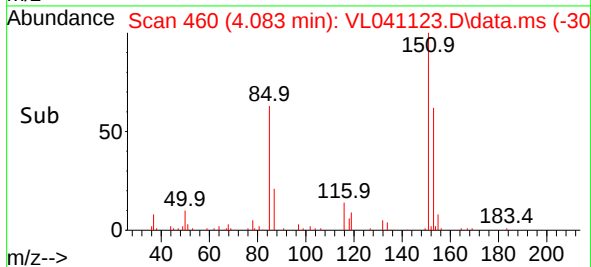
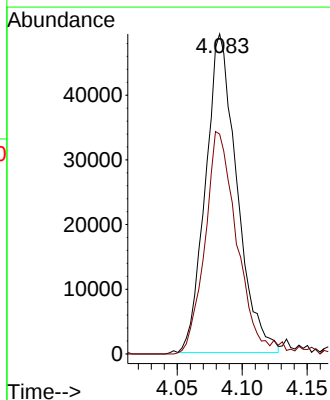
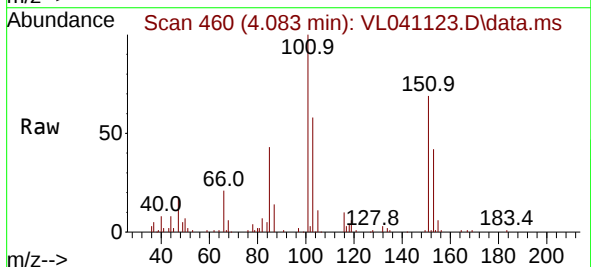
Manual Integrations
APPROVED

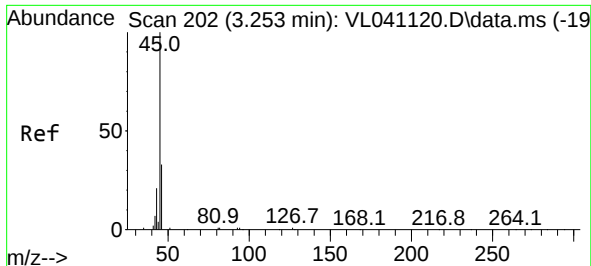
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.519 ppbv
RT: 4.083 min Scan# 460
Delta R.T. 0.000 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

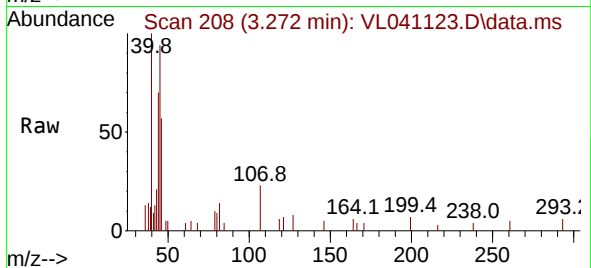
Tgt Ion:101 Resp: 82707
Ion Ratio Lower Upper
101 100
151 72.6 56.2 84.4





#13
Ethanol
Concen: 0.489 ppbv m
RT: 3.272 min Scan# 208
Delta R.T. 0.019 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

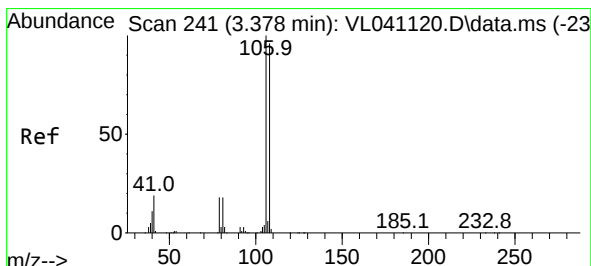
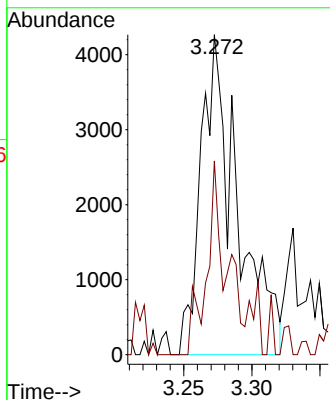
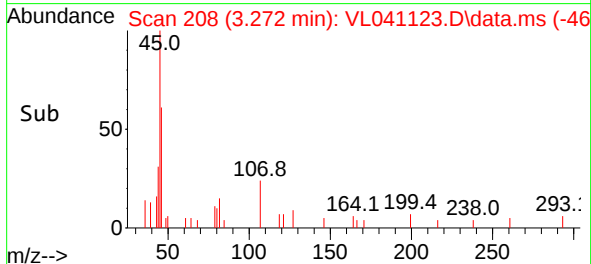
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



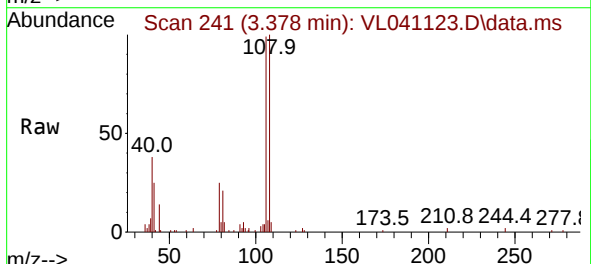
Tgt Ion: 45 Resp: 7923
Ion Ratio Lower Upper
45 100
46 0.0 15.0 59.8

Manual Integrations
APPROVED

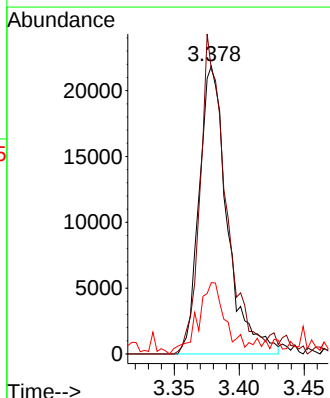
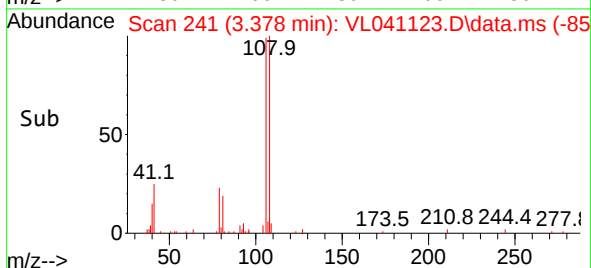
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

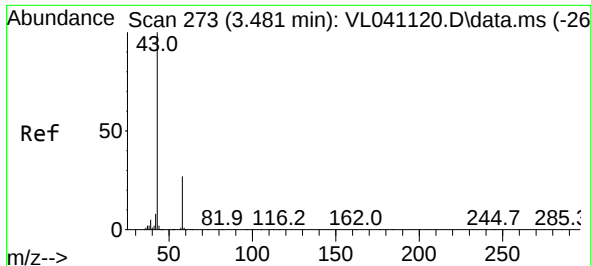


#14
Bromoethene
Concen: 0.525 ppbv
RT: 3.378 min Scan# 241
Delta R.T. 0.000 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23



Tgt Ion:108 Resp: 32939
Ion Ratio Lower Upper
108 100
106 106.4 86.0 129.0
79 27.5 15.4 23.2





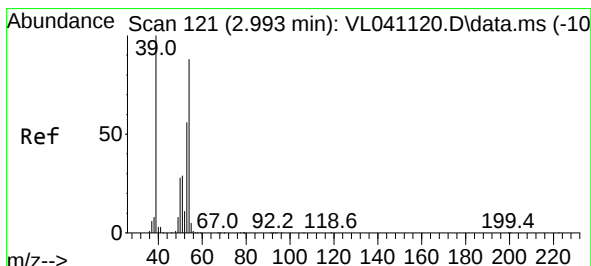
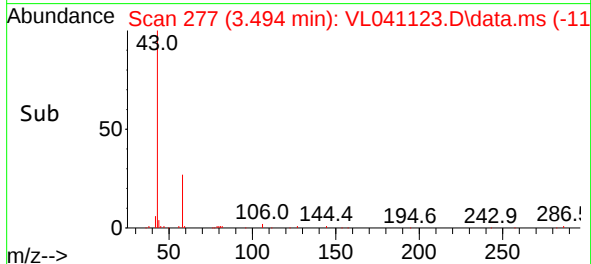
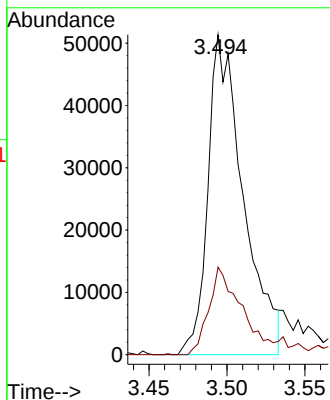
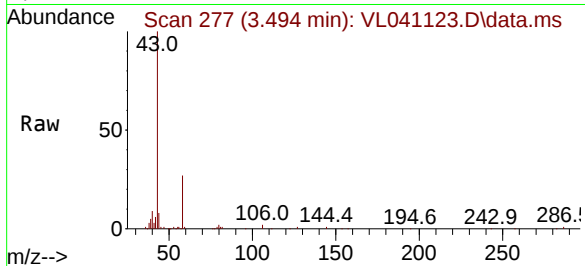
#15
Acetone
Concen: 0.526 ppbv
RT: 3.494 min Scan# 211
Delta R.T. 0.013 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 80910
Ion Ratio Lower Upper
43 100
58 30.3 21.1 31.7

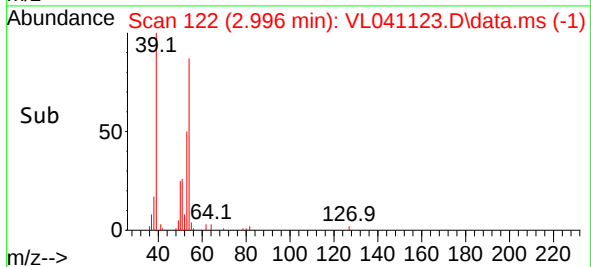
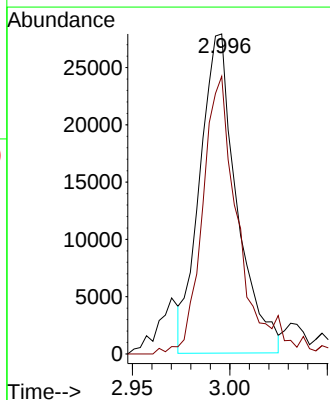
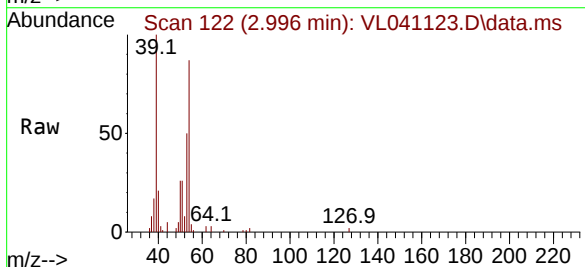
Manual Integrations
APPROVED

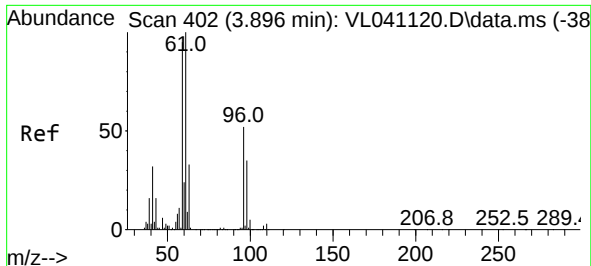
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#16
1,3-Butadiene
Concen: 0.487 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.003 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

Tgt Ion: 39 Resp: 36753
Ion Ratio Lower Upper
39 100
54 87.6 63.5 95.3





#17

tert-Butyl alcohol

Concen: 0.481 ppbv m

RT: 3.909 min Scan# 406

Delta R.T. 0.013 min

Lab File: VL041123.D

Acq: 4 Apr 2024 11:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 59 Resp: 67070

Ion Ratio Lower Upper

59 100

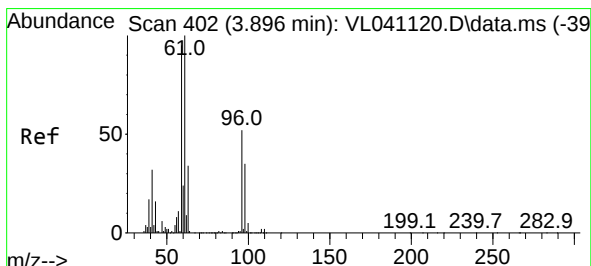
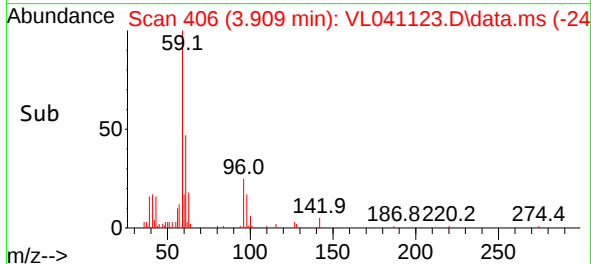
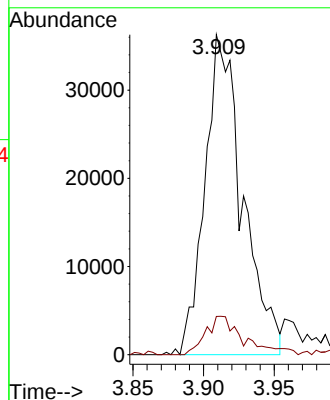
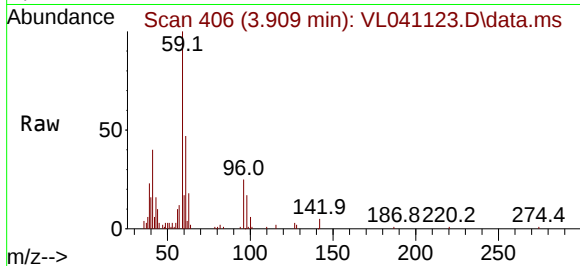
57 12.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#18

1,1-Dichloroethene

Concen: 0.504 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.000 min

Lab File: VL041123.D

Acq: 4 Apr 2024 11:23

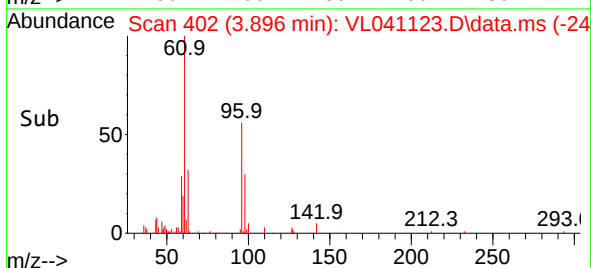
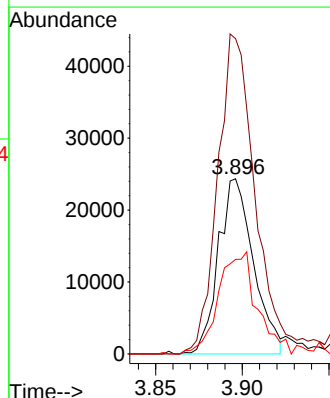
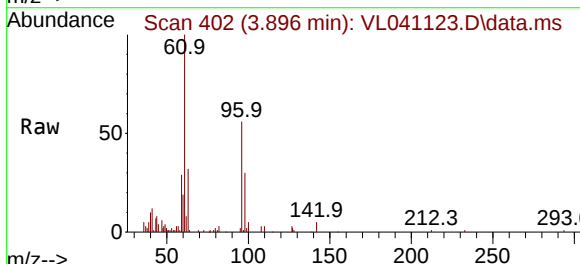
Tgt Ion: 96 Resp: 34267

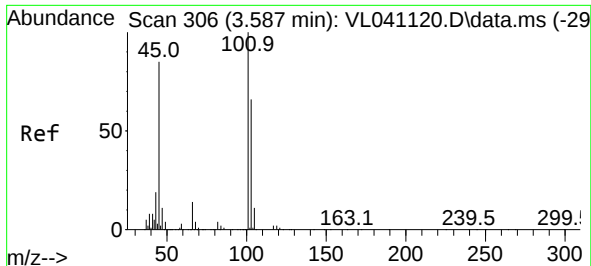
Ion Ratio Lower Upper

96 100

61 180.0 152.6 228.8

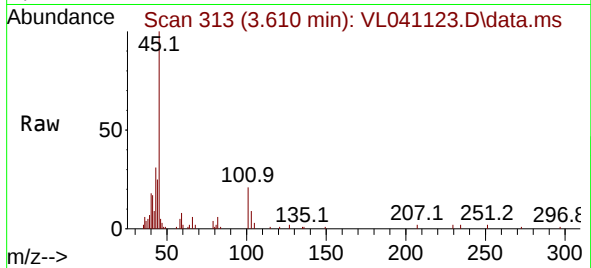
98 54.0 54.0 81.0#





#19
Isopropyl Alcohol
Concen: 0.474 ppbv m
RT: 3.610 min Scan# 313
Delta R.T. 0.023 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

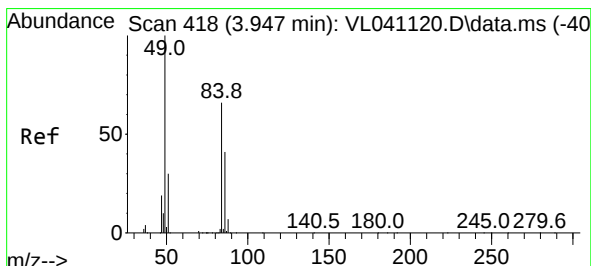
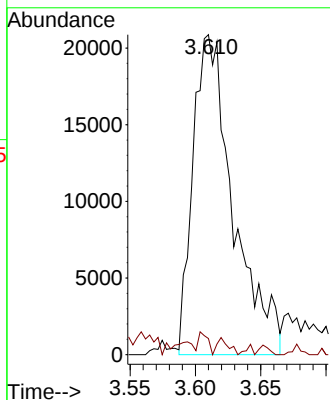
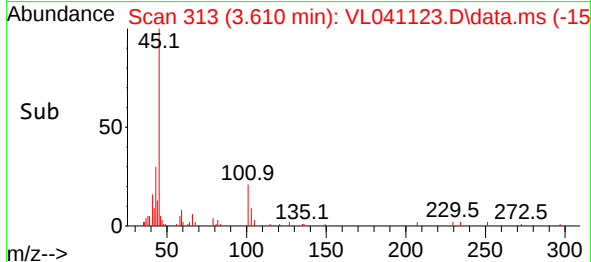
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



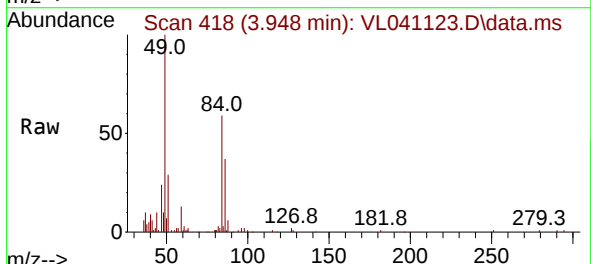
Tgt Ion: 45 Resp: 44800
Ion Ratio Lower Upper
45 100
58 4.7 2.8 4.2

Manual Integrations
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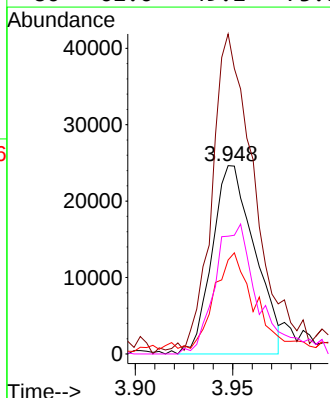
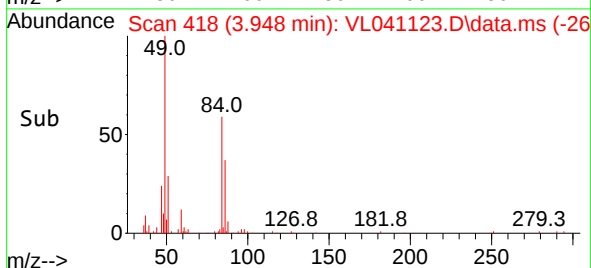
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

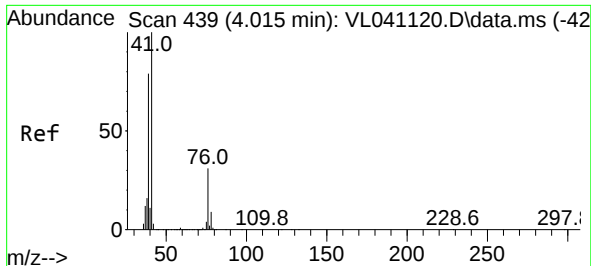


#20
Methylene Chloride
Concen: 0.588 ppbv
RT: 3.948 min Scan# 418
Delta R.T. 0.000 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23



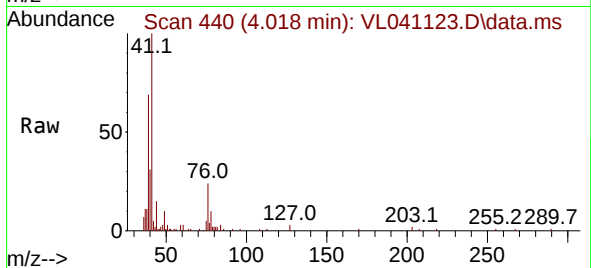
Tgt Ion: 84 Resp: 37303
Ion Ratio Lower Upper
84 100
49 164.1 120.7 181.1
51 46.9 36.6 54.8
86 62.6 49.2 73.8





#21
 Allyl Chloride
 Concen: 0.510 ppbv
 RT: 4.018 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041123.D
 Acq: 4 Apr 2024 11:23

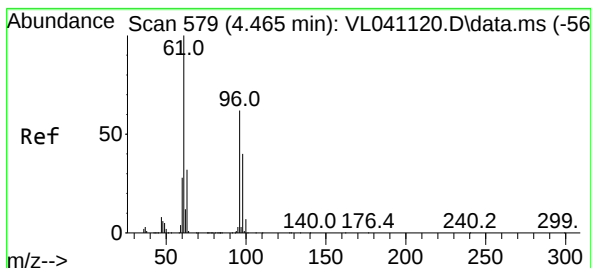
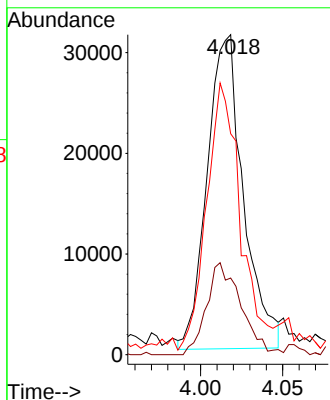
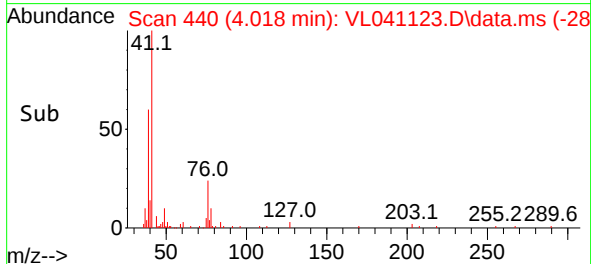
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



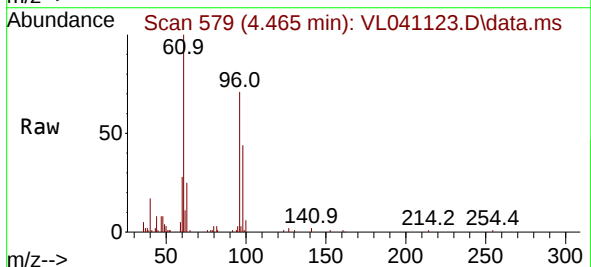
Tgt Ion: 41 Resp: 47810
 Ion Ratio Lower Upper
 41 100
 76 29.4 25.7 38.5
 39 93.7 65.7 98.5

Manual Integrations
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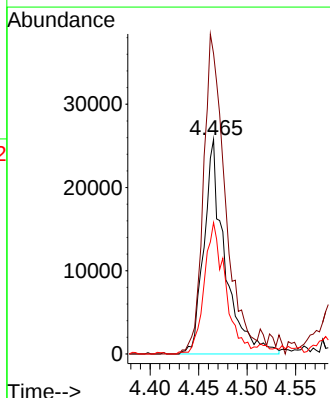
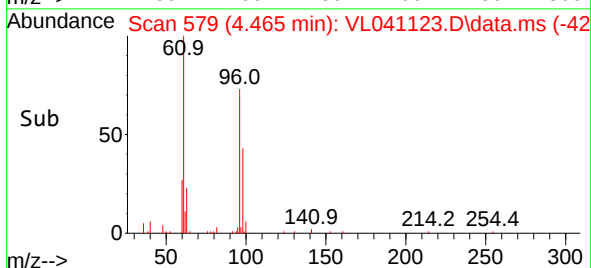
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

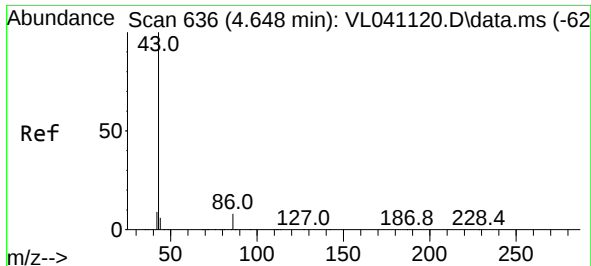


#22
 trans-1,2-Dichloroethene
 Concen: 0.545 ppbv m
 RT: 4.465 min Scan# 579
 Delta R.T. 0.000 min
 Lab File: VL041123.D
 Acq: 4 Apr 2024 11:23



Tgt Ion: 96 Resp: 38694
 Ion Ratio Lower Upper
 96 100
 61 140.0 128.4 192.6
 98 61.2 51.5 77.3





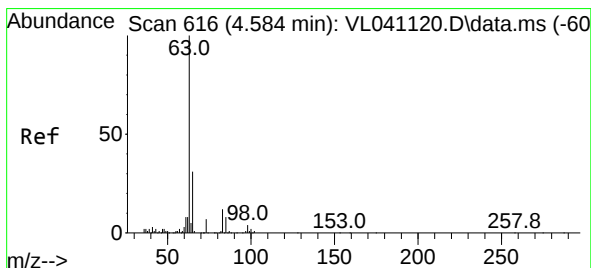
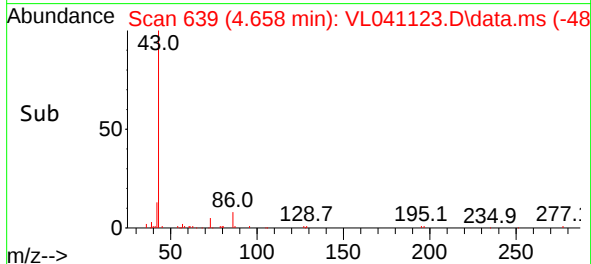
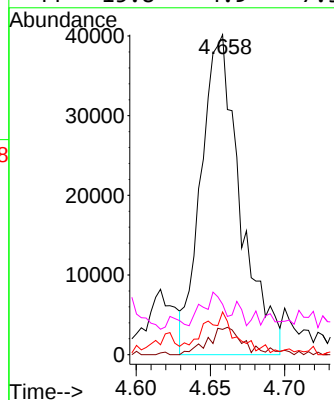
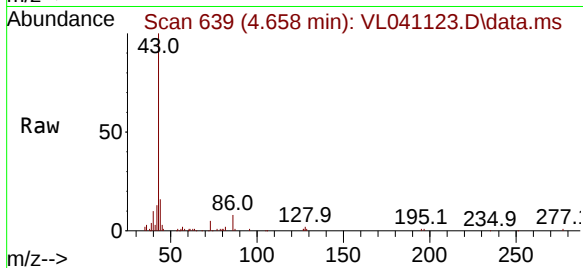
#23
 Vinyl Acetate
 Concen: 0.464 ppbv m
 RT: 4.658 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VL041123.D
 Acq: 4 Apr 2024 11:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 43 Resp: 73932
 Ion Ratio Lower Upper
 43 100
 86 7.9 6.2 9.4
 42 13.3 7.7 11.5
 44 15.8 4.9 7.3#

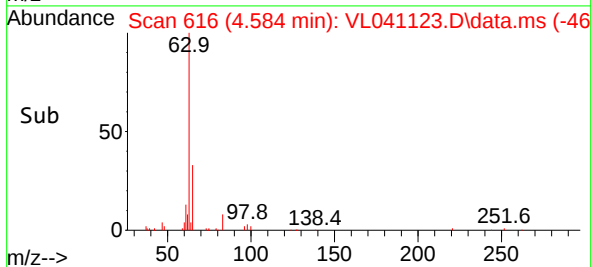
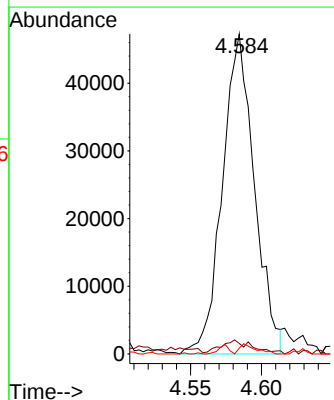
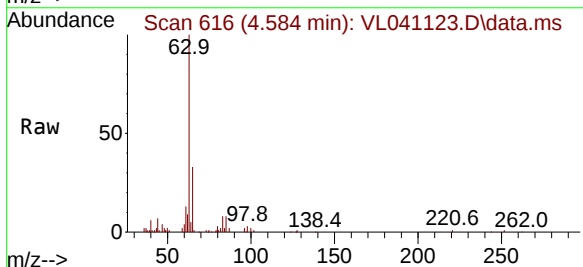
Manual Integrations
 APPROVED

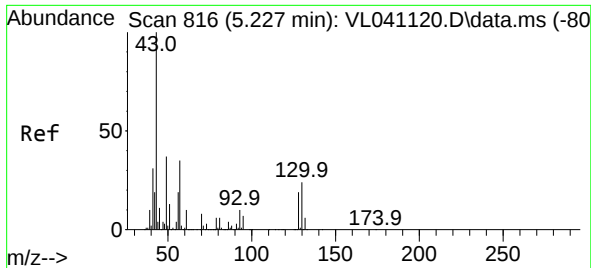
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024



#24
 1,1-Dichloroethane
 Concen: 0.520 ppbv
 RT: 4.584 min Scan# 616
 Delta R.T. 0.000 min
 Lab File: VL041123.D
 Acq: 4 Apr 2024 11:23

Tgt Ion: 63 Resp: 74257
 Ion Ratio Lower Upper
 63 100
 98 2.3 2.1 6.3
 100 1.8 1.1 3.3





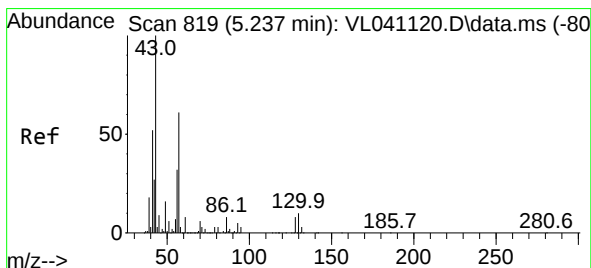
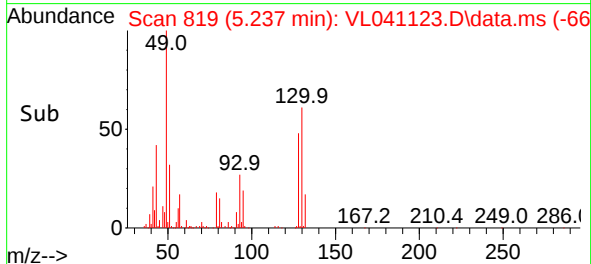
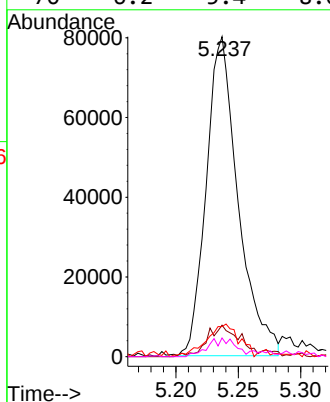
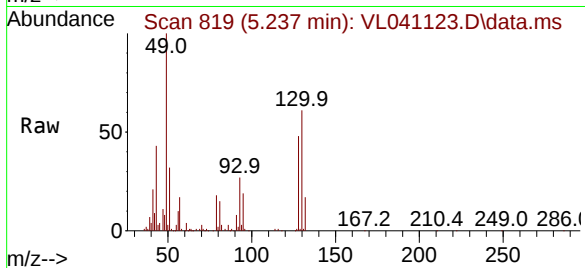
#25
Ethyl Acetate
Concen: 0.494 ppbv
RT: 5.237 min Scan# 816
Delta R.T. 0.010 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43	Resp: 14264
Ion Ratio	Lower Upper
43 100	
45 11.8	8.0 12.0
61 12.6	7.8 11.6
70 6.2	5.4 8.0

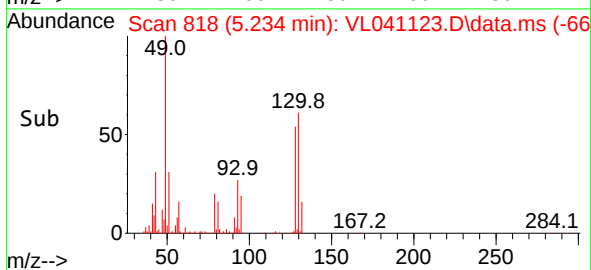
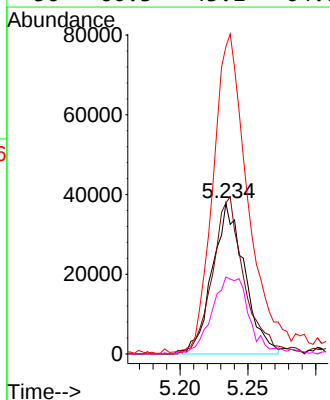
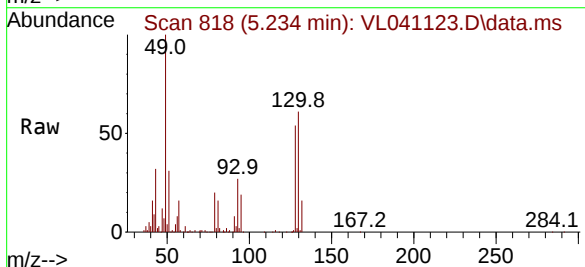
Manual Integrations
APPROVED

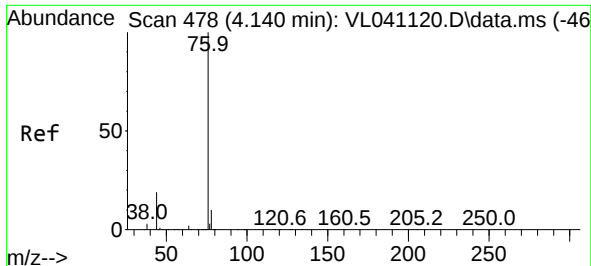
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#26
Hexane
Concen: 0.482 ppbv
RT: 5.234 min Scan# 818
Delta R.T. -0.003 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

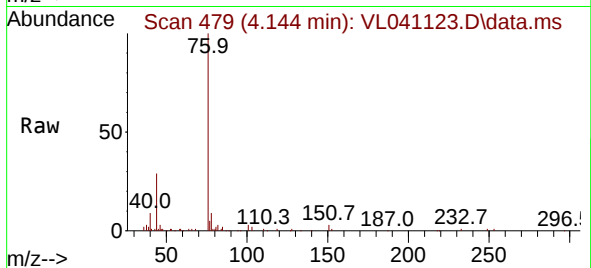
Tgt Ion: 57	Resp: 62390
Ion Ratio	Lower Upper
57 100	
41 103.9	73.8 110.8
43 250.9	186.2 279.2
56 60.3	43.1 64.7





#27
Carbon Disulfide
Concen: 0.464 ppbv m
RT: 4.144 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

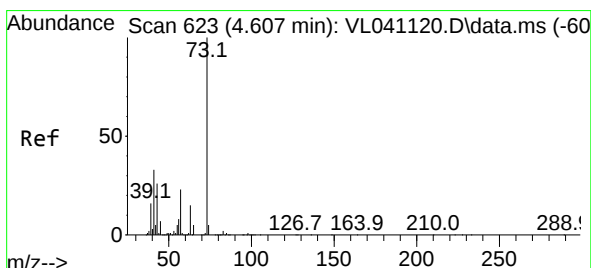
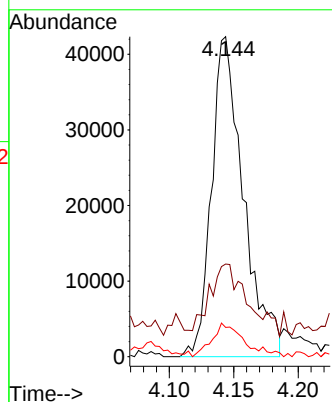
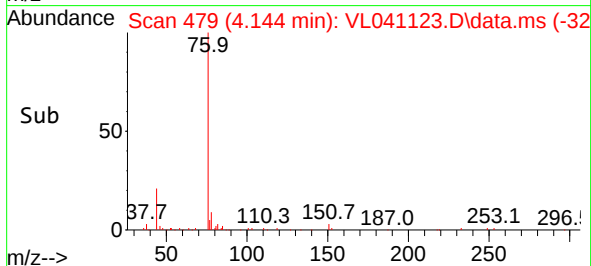
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



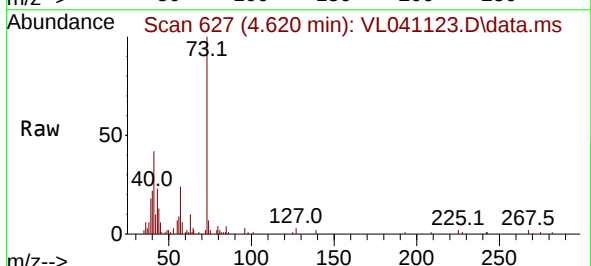
Tgt Ion: 76 Resp: 73008
Ion Ratio Lower Upper
76 100
44 28.7 16.3 24.5
78 10.7 7.9 11.9

Manual Integrations
APPROVED

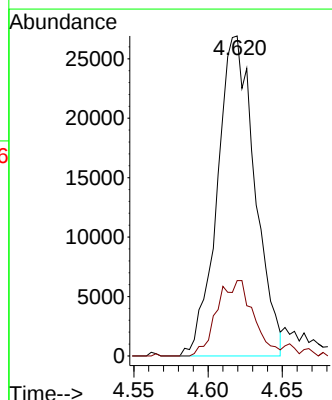
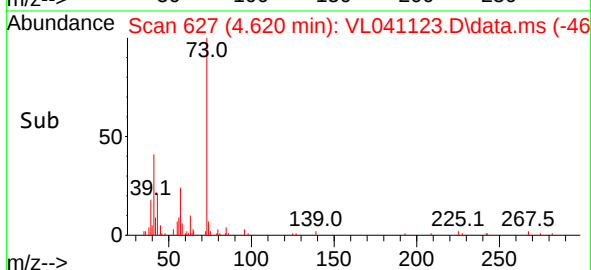
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

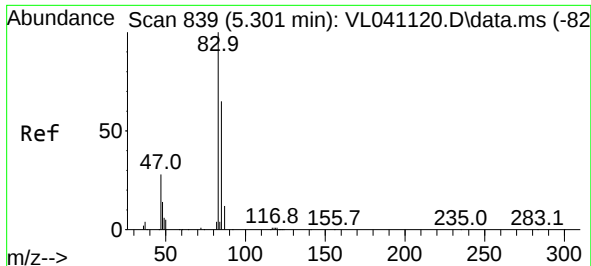


#28
Methyl tert-Butyl Ether
Concen: 0.486 ppbv
RT: 4.620 min Scan# 627
Delta R.T. 0.013 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23



Tgt Ion: 73 Resp: 47547
Ion Ratio Lower Upper
73 100
57 24.6 18.6 27.8





#29

Chloroform

Concen: 0.520 ppbv

RT: 5.292 min Scan# 839

Delta R.T. -0.010 min

Lab File: VL041123.D

Acq: 4 Apr 2024 11:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 83 Resp: 11362

Ion Ratio Lower Upper

83 100

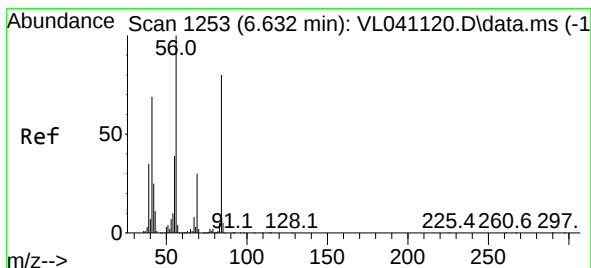
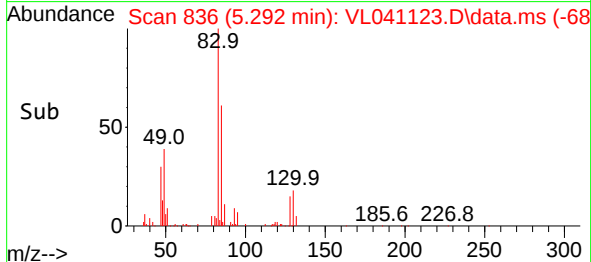
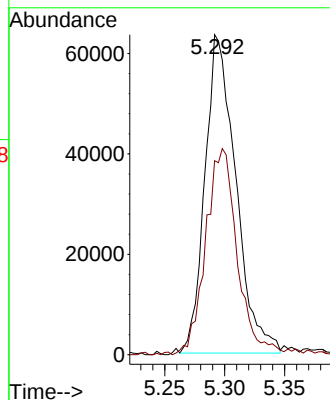
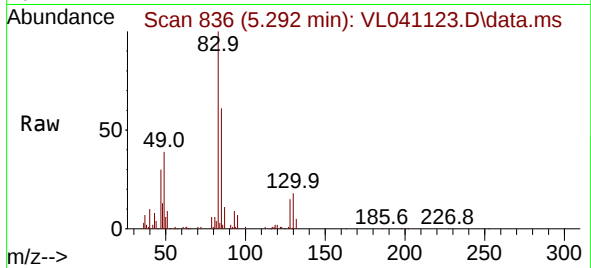
85 61.0 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#30

Cyclohexane

Concen: 0.523 ppbv m

RT: 6.632 min Scan# 1253

Delta R.T. 0.000 min

Lab File: VL041123.D

Acq: 4 Apr 2024 11:23

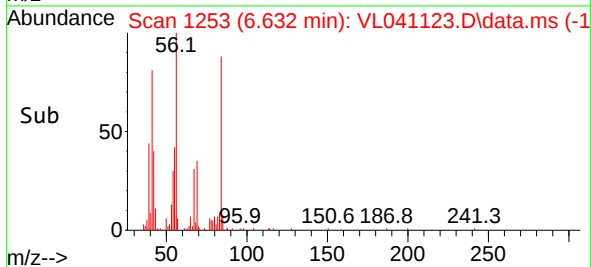
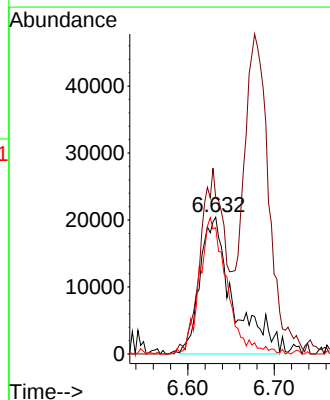
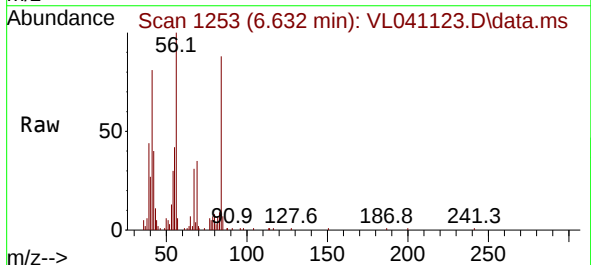
Tgt Ion: 84 Resp: 54496

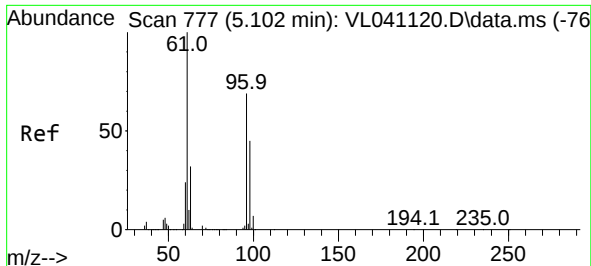
Ion Ratio Lower Upper

84 100

56 95.0 111.9 167.9#

41 82.8 71.0 106.6





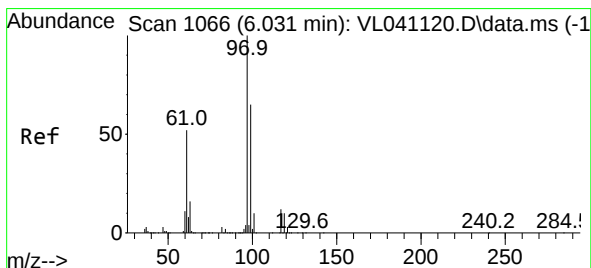
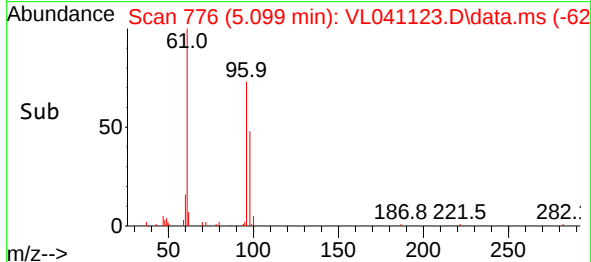
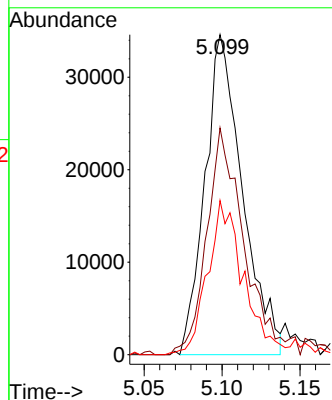
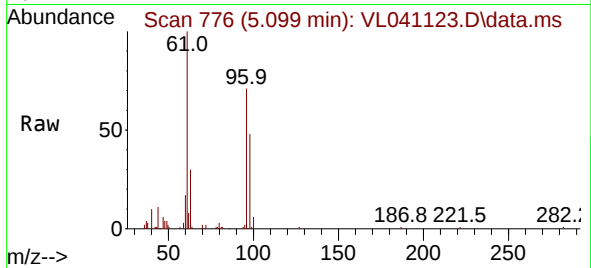
#31
cis-1,2-Dichloroethene
Concen: 0.474 ppbv
RT: 5.099 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 61 Resp: 58059
Ion Ratio Lower Upper
61 100
96 62.9 54.9 82.3
98 43.2 35.9 53.9

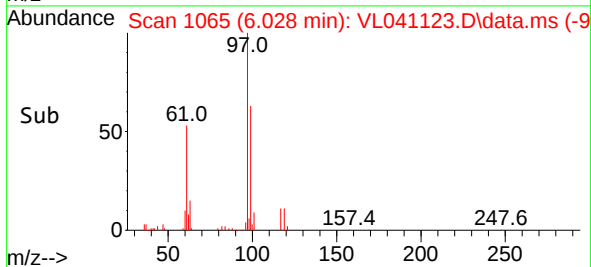
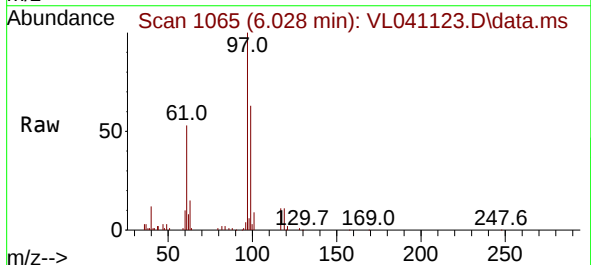
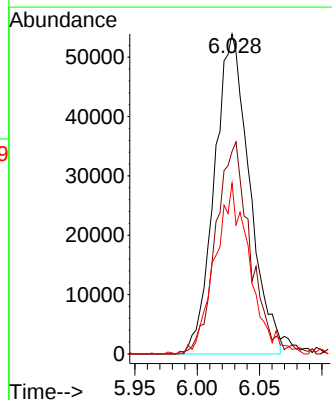
Manual Integrations
APPROVED

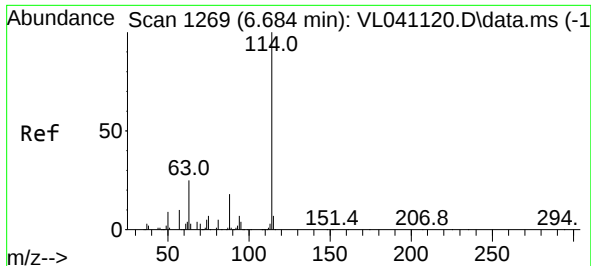
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#32
1,1,1-Trichloroethane
Concen: 0.523 ppbv
RT: 6.028 min Scan# 1065
Delta R.T. -0.003 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

Tgt Ion: 97 Resp: 105495
Ion Ratio Lower Upper
97 100
99 65.4 52.0 78.0
61 52.8 40.5 60.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.681 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL041123.D

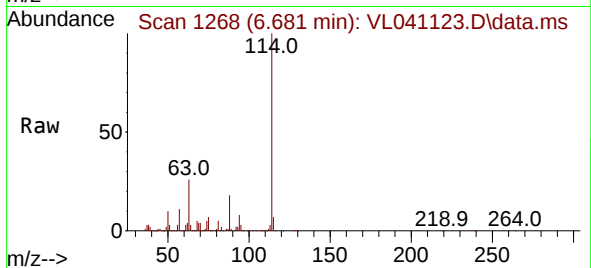
Acq: 4 Apr 2024 11:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5



Tgt Ion:114 Resp: 3651490

Ion Ratio Lower Upper

114 100

63 25.8 20.9 31.3

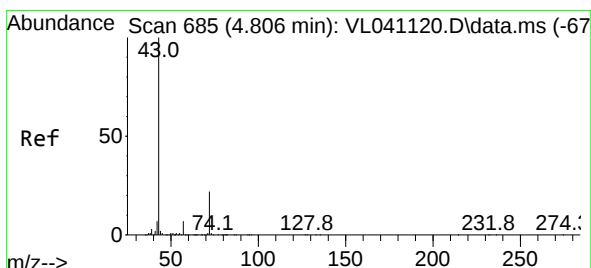
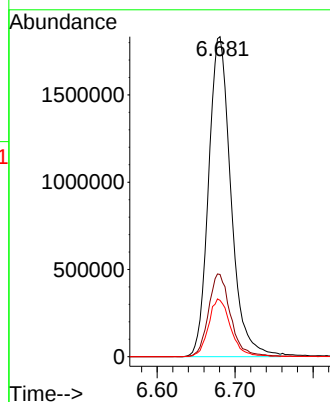
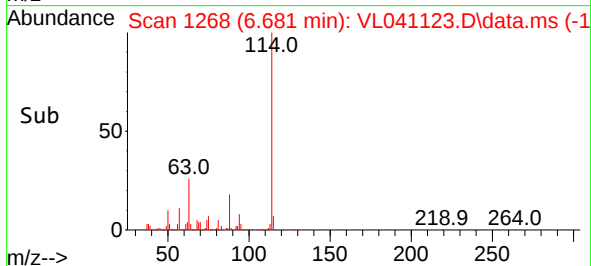
88 17.9 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#34

2-Butanone

Concen: 0.479 ppbv

RT: 4.819 min Scan# 689

Delta R.T. 0.013 min

Lab File: VL041123.D

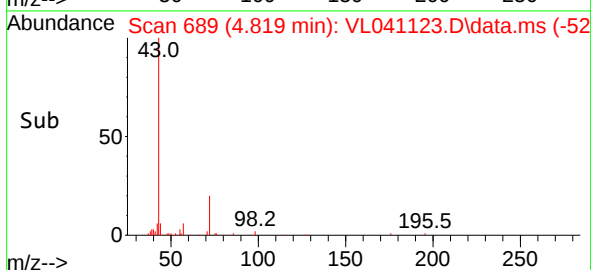
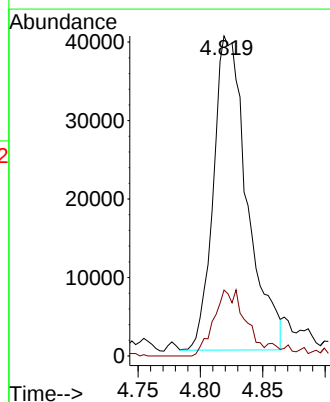
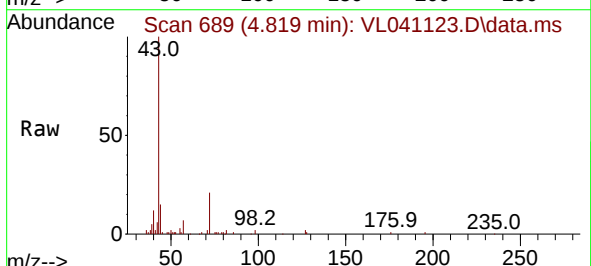
Acq: 4 Apr 2024 11:23

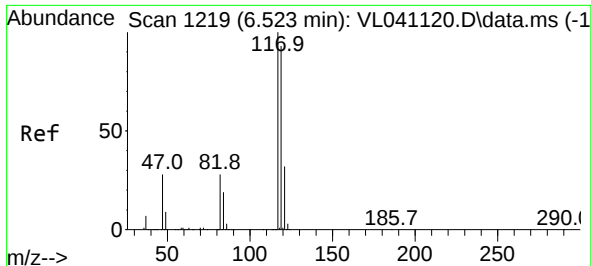
Tgt Ion: 43 Resp: 75524

Ion Ratio Lower Upper

43 100

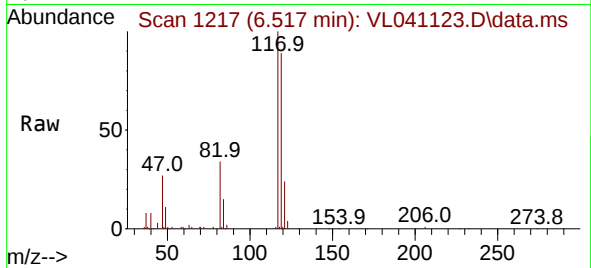
72 21.6 17.6 26.4





#35
Carbon Tetrachloride
Concen: 0.509 ppbv
RT: 6.517 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

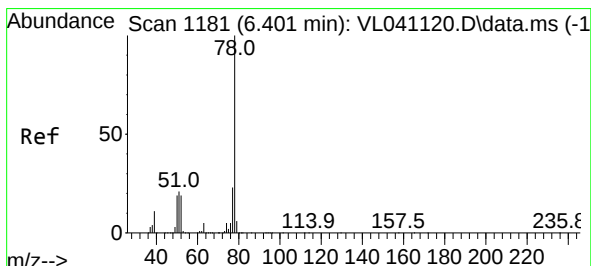
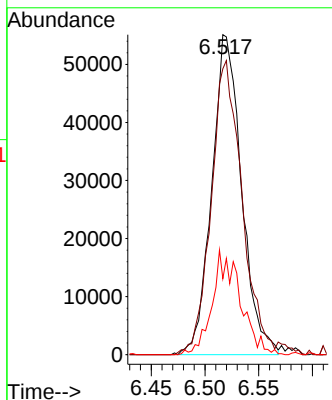
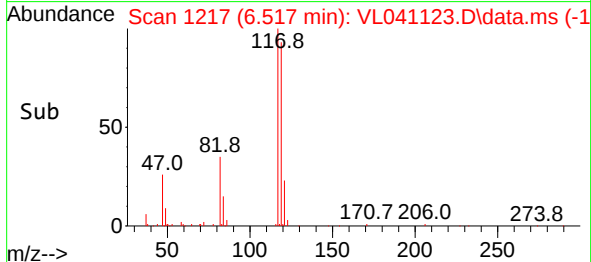
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



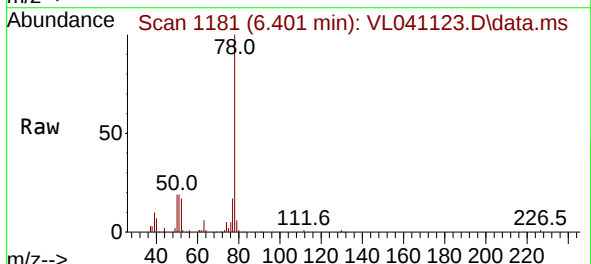
Tgt Ion:117 Resp: 10604
Ion Ratio Lower Upper
117 100
119 88.7 74.2 111.4
121 23.8 25.4 38.2

Manual Integrations
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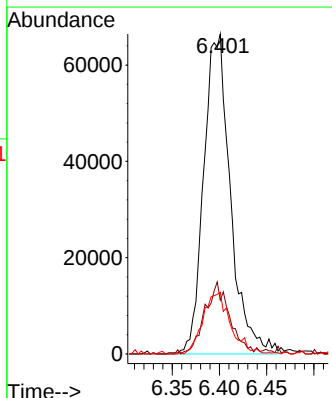
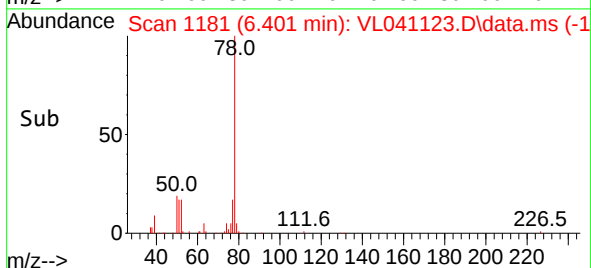
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

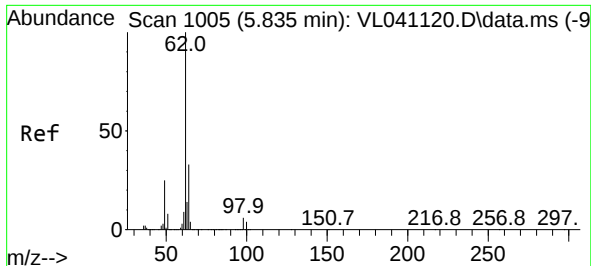


#36
Benzene
Concen: 0.487 ppbv m
RT: 6.401 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23



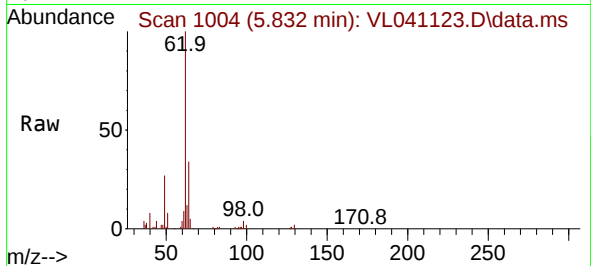
Tgt Ion: 78 Resp: 130572
Ion Ratio Lower Upper
78 100
77 16.8 18.2 27.4#
50 19.3 15.4 23.2





#37
1,2-Dichloroethane
Concen: 0.506 ppbv
RT: 5.832 min Scan# 1005
Delta R.T. -0.003 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

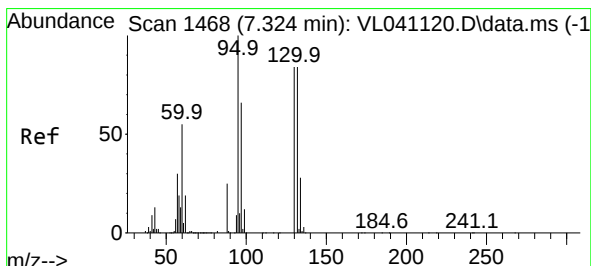
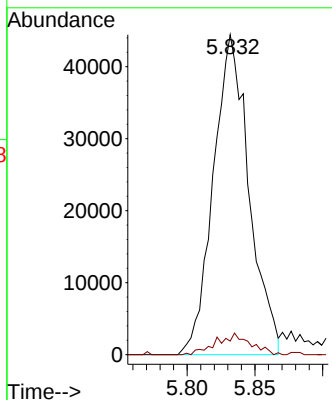
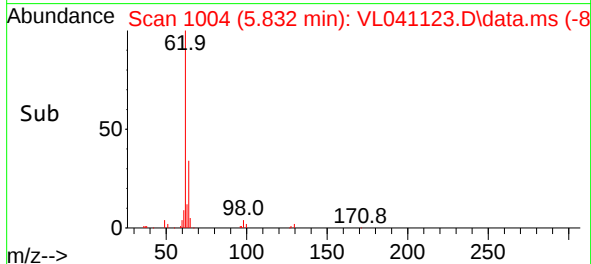
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 62 Resp: 81410
Ion Ratio Lower Upper
62 100
98 6.3 4.6 7.0

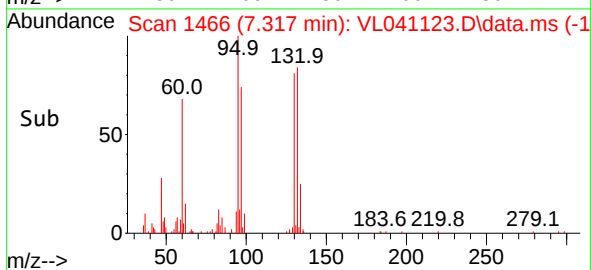
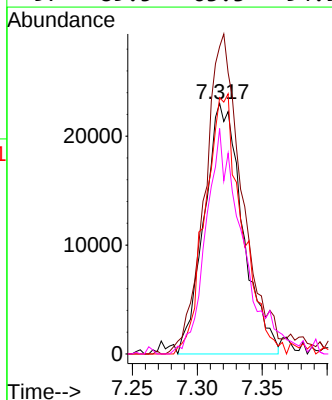
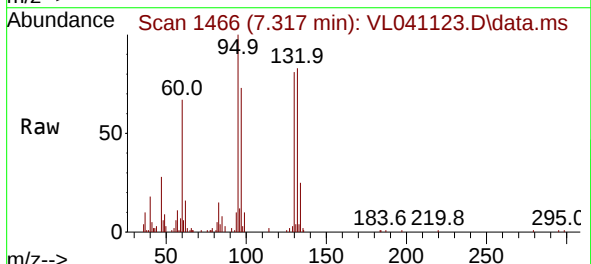
Manual Integrations
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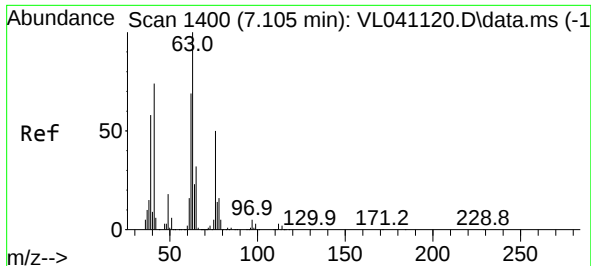
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#38
Trichloroethene
Concen: 0.484 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.006 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

Tgt Ion:130 Resp: 47038
Ion Ratio Lower Upper
130 100
95 120.1 95.4 143.0
132 102.6 80.0 120.0
97 89.5 63.3 94.9





#39

1,2-Dichloropropane

Concen: 0.502 ppbv m

RT: 7.095 min Scan# 1400

Delta R.T. -0.010 min

Lab File: VL041123.D

Acq: 4 Apr 2024 11:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

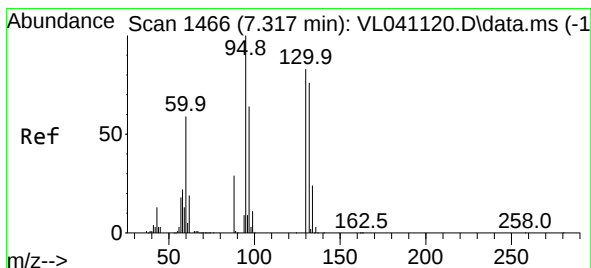
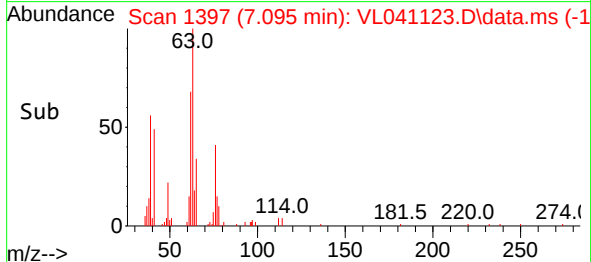
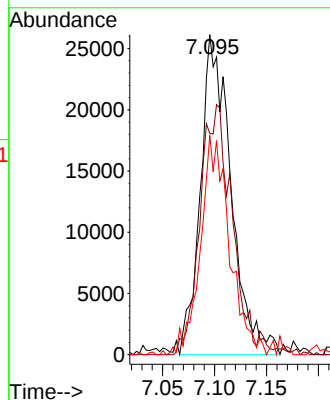
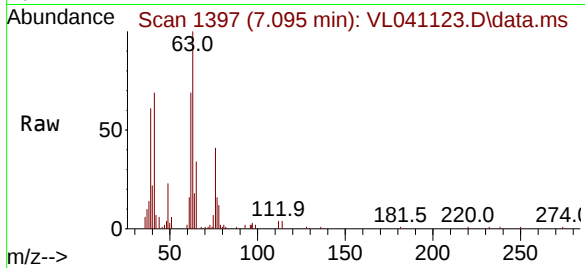
Tgt Ion:	63	Resp:	53370
Ion	Ratio	Lower	Upper
63	100		
41	69.1	58.7	88.1
62	68.5	55.5	83.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#40

1,4-Dioxane

Concen: 0.428 ppbv m

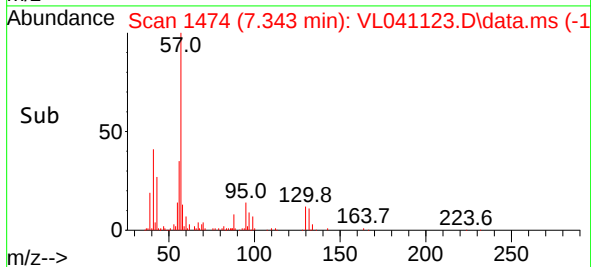
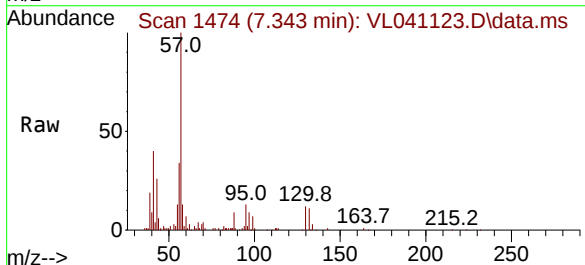
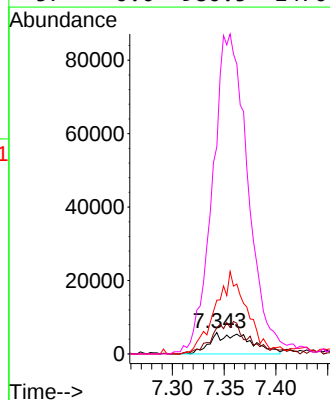
RT: 7.343 min Scan# 1474

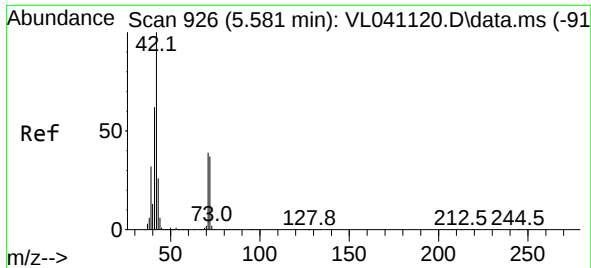
Delta R.T. 0.026 min

Lab File: VL041123.D

Acq: 4 Apr 2024 11:23

Tgt Ion:	88	Resp:	15608
Ion	Ratio	Lower	Upper
88	100		
58	0.0	107.8	161.6#
43	0.0	223.8	335.6#
57	0.0	980.5	1470.7#





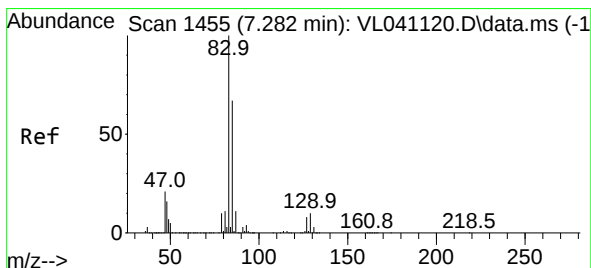
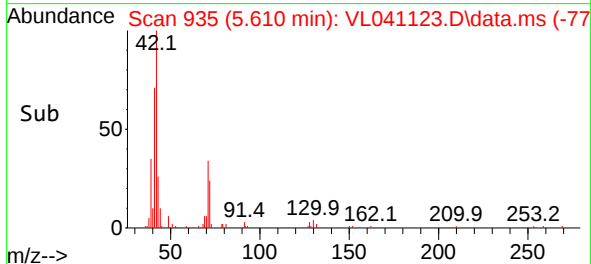
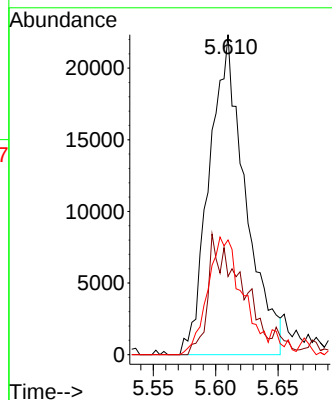
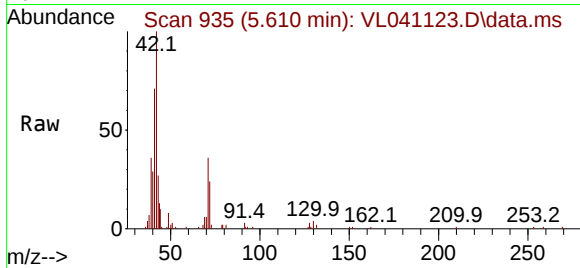
#41
Tetrahydrofuran
Concen: 0.447 ppbv
RT: 5.610 min Scan# 911
Delta R.T. 0.029 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 42 Resp: 4511
Ion Ratio Lower Upper
42 100
72 39.3 31.2 46.8
71 39.5 29.9 44.9

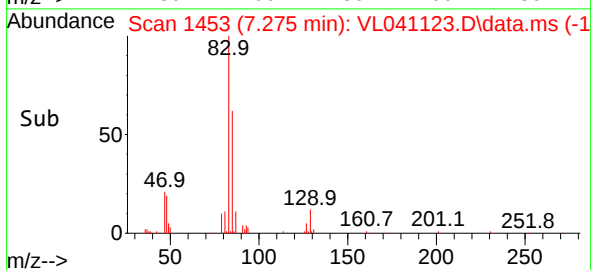
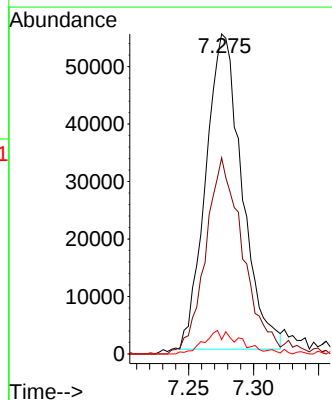
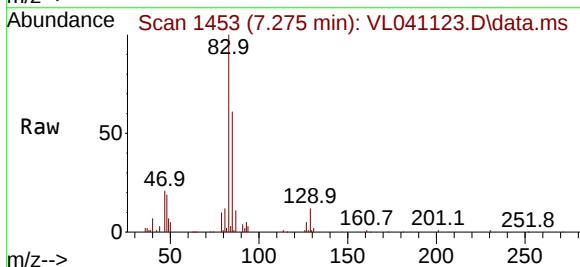
Manual Integrations
APPROVED

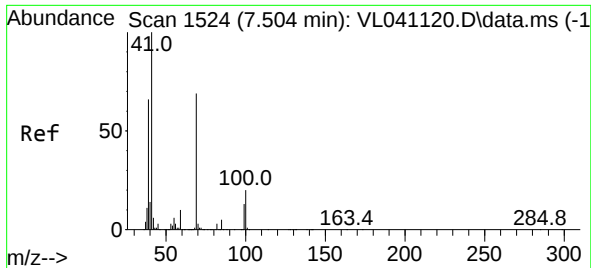
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#42
Bromodichloromethane
Concen: 0.463 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

Tgt Ion: 83 Resp: 106596
Ion Ratio Lower Upper
83 100
85 60.3 53.5 80.3
127 4.3 6.2 9.4#





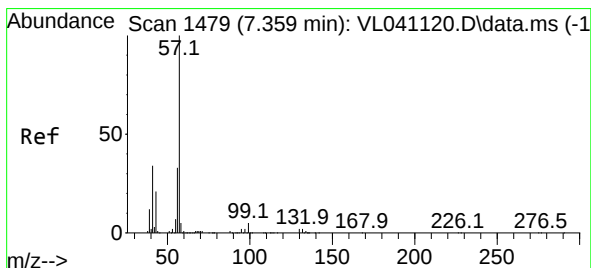
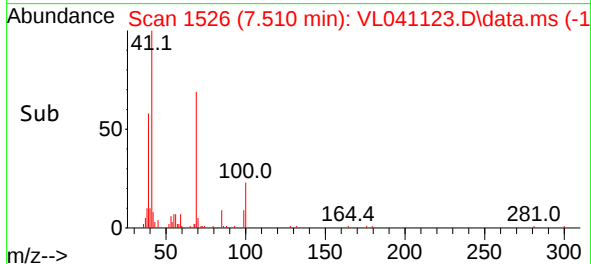
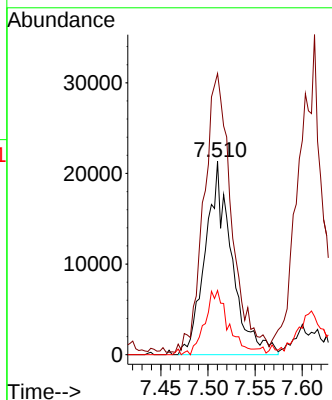
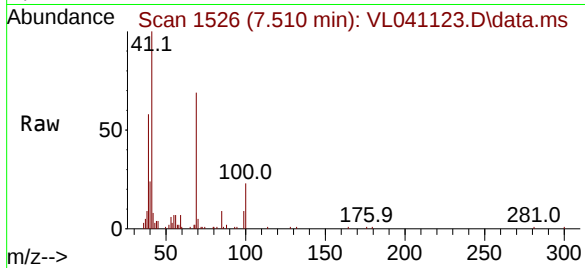
#43
Methyl Methacrylate
Concen: 0.447 ppbv
RT: 7.510 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 4162
Ion Ratio Lower Upper
69 100
41 0.0 119.2 178.8
100 0.0 24.6 37.0

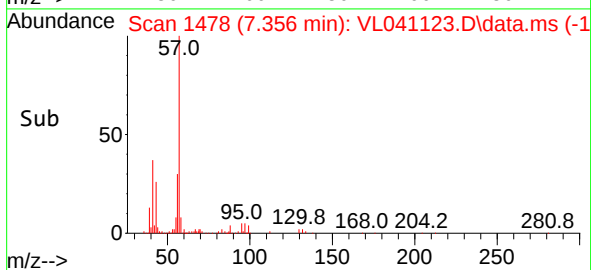
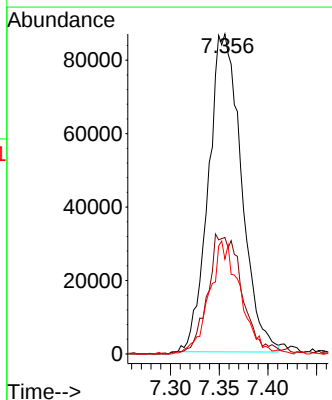
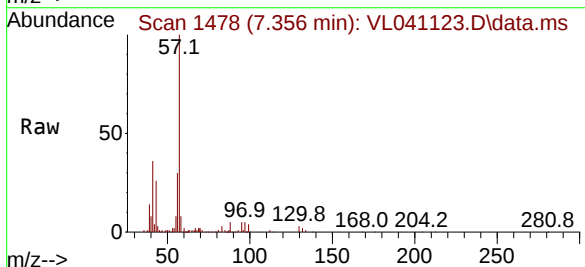
Manual Integrations
APPROVED

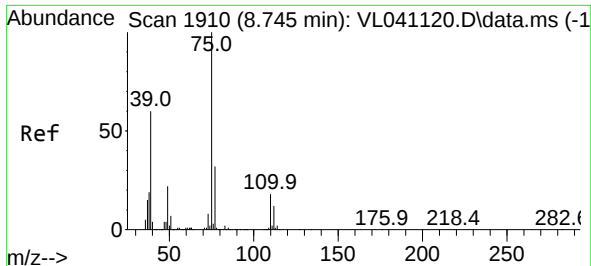
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#44
2,2,4-Trimethylpentane
Concen: 0.459 ppbv
RT: 7.356 min Scan# 1478
Delta R.T. -0.003 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

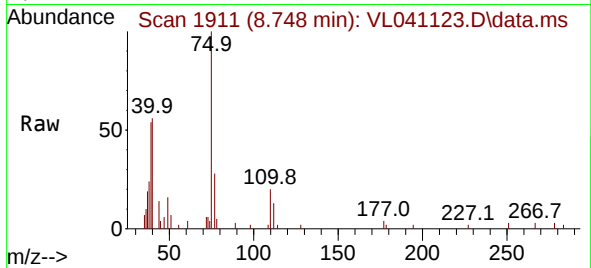
Tgt Ion: 57 Resp: 203674
Ion Ratio Lower Upper
57 100
41 39.6 28.2 42.2
56 33.8 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 0.381 ppbv m
RT: 8.748 min Scan# 1910
Delta R.T. 0.003 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

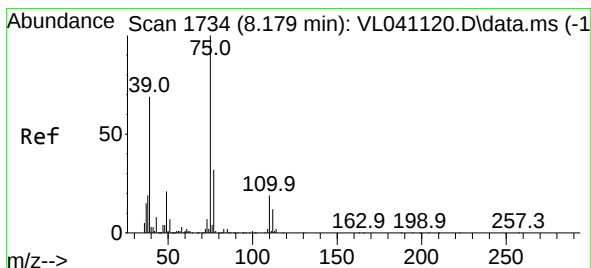
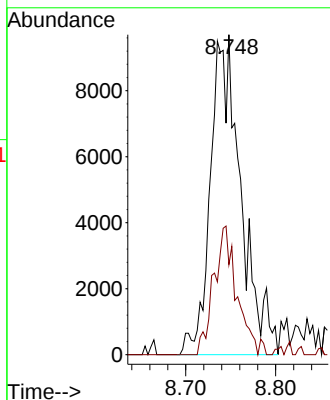
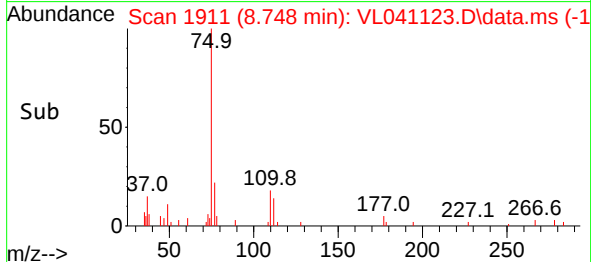
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 75 Resp: 2284
Ion Ratio Lower Upper
75 100
77 28.2 25.4 38.2

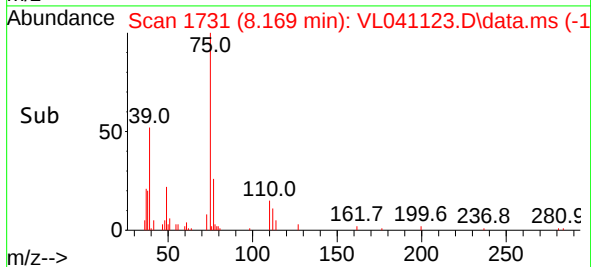
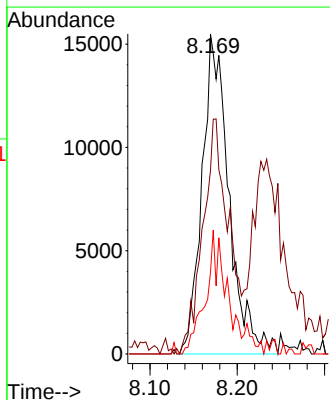
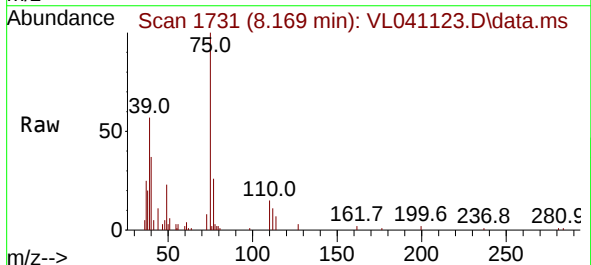
Manual Integrations
APPROVED

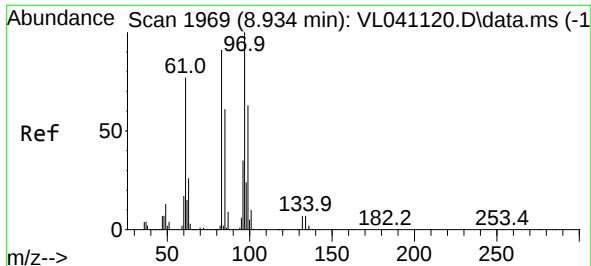
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#46
cis-1,3-Dichloropropene
Concen: 0.434 ppbv m
RT: 8.169 min Scan# 1731
Delta R.T. -0.010 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

Tgt Ion: 75 Resp: 33108
Ion Ratio Lower Upper
75 100
39 57.4 55.1 82.7
77 25.7 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 0.502 ppbv

RT: 8.931 min Scan# 1969

Delta R.T. -0.003 min

Lab File: VL041123.D

Acq: 4 Apr 2024 11:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 97 Resp: 5738

Ion Ratio Lower Upper

97 100

83 86.4 72.9 109.3

85 65.8 49.1 73.7

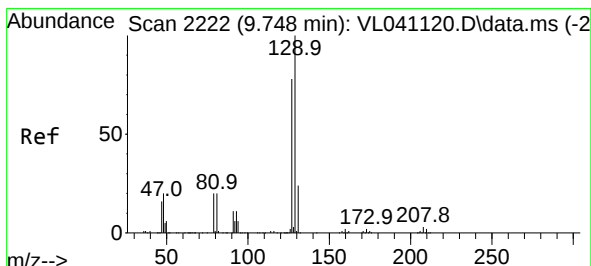
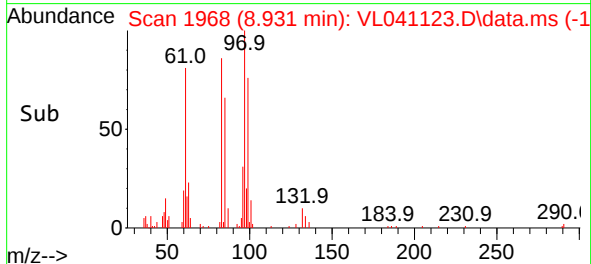
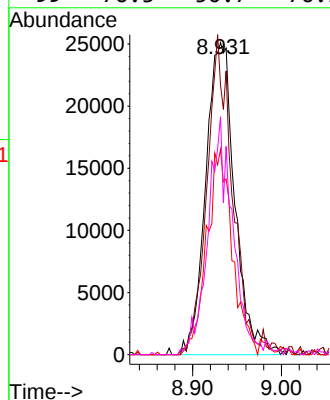
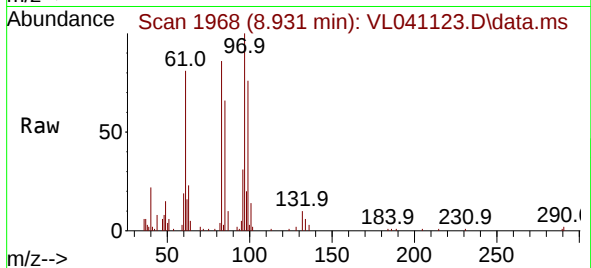
99 76.3 50.7 76.1#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#48

Dibromochloromethane

Concen: 0.428 ppbv

RT: 9.742 min Scan# 2220

Delta R.T. -0.006 min

Lab File: VL041123.D

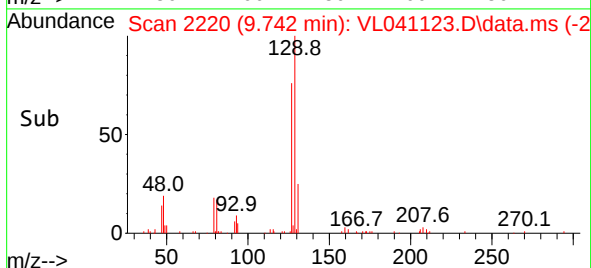
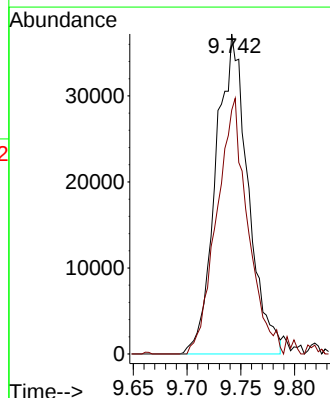
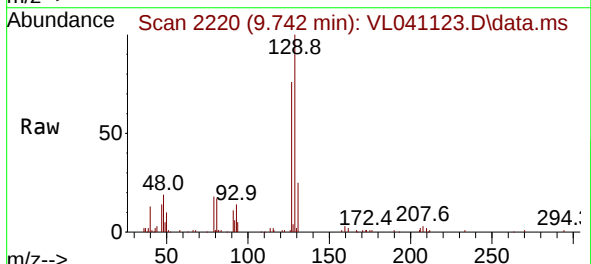
Acq: 4 Apr 2024 11:23

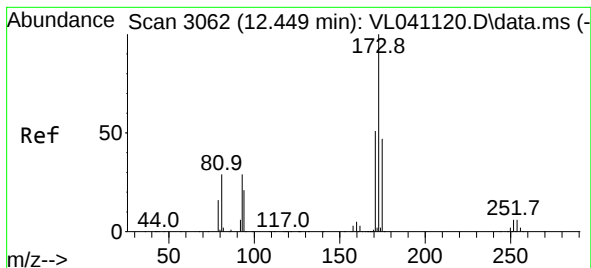
Tgt Ion:129 Resp: 77548

Ion Ratio Lower Upper

129 100

127 79.3 39.3 117.9





#49

Bromoform

Concen: 0.413 ppbv m

RT: 12.436 min Scan# 3062

Delta R.T. -0.013 min

Lab File: VL041123.D

Acq: 4 Apr 2024 11:23

Instrument :

MSVOA_L

ClientSampleId :

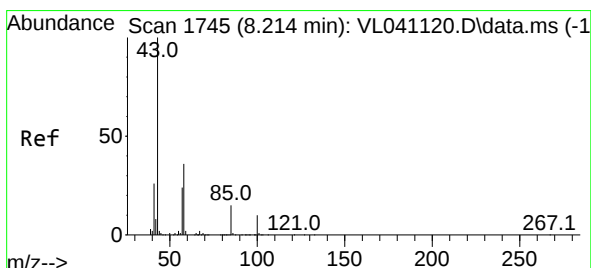
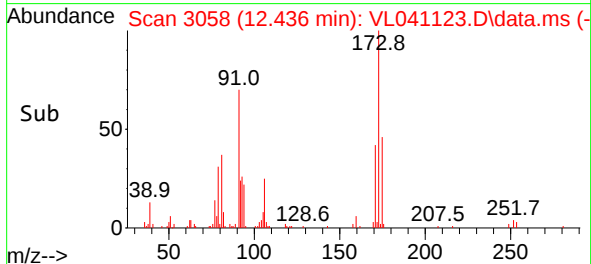
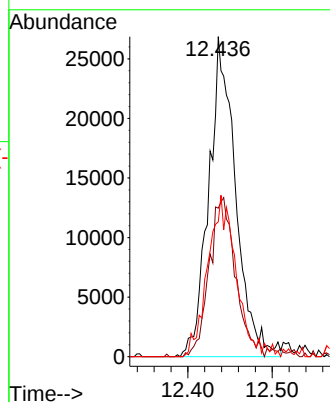
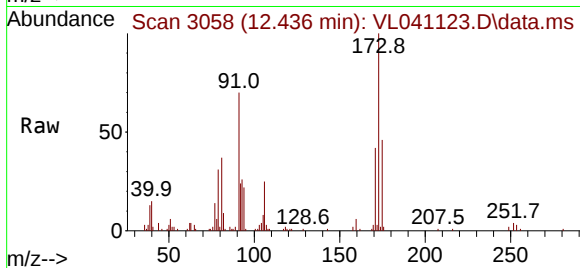
VSTDICC0.5

Tgt Ion:173	Resp:	5945
Ion Ratio	Lower	Upper
173	100	
175	50.9	39.4 59.0
171	54.3	42.9 64.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#50

4-Methyl-2-Pentanone

Concen: 0.445 ppbv m

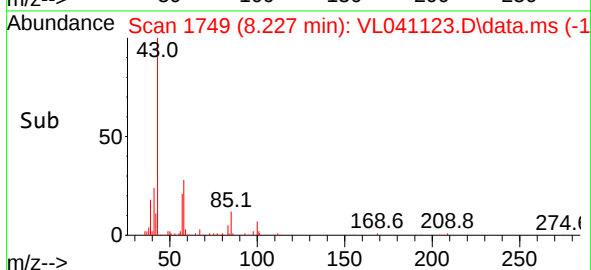
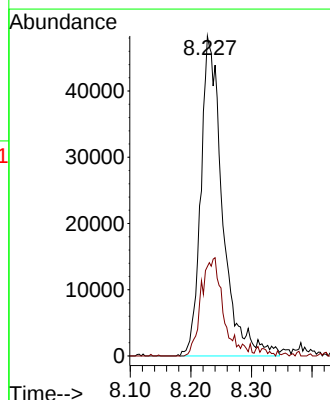
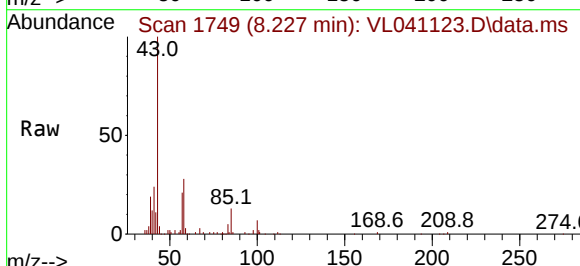
RT: 8.227 min Scan# 1749

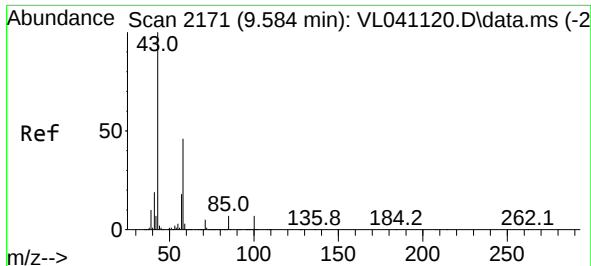
Delta R.T. 0.013 min

Lab File: VL041123.D

Acq: 4 Apr 2024 11:23

Tgt Ion: 43	Resp:	120328
Ion Ratio	Lower	Upper
43	100	
58	0.0	27.7 41.5





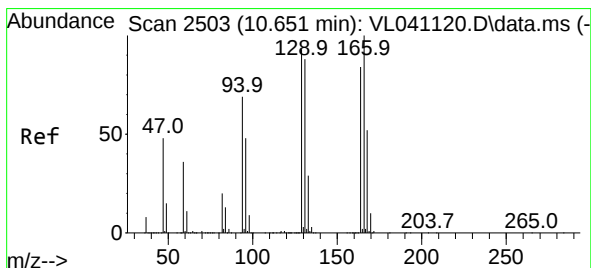
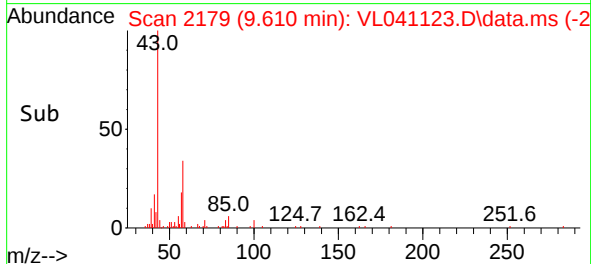
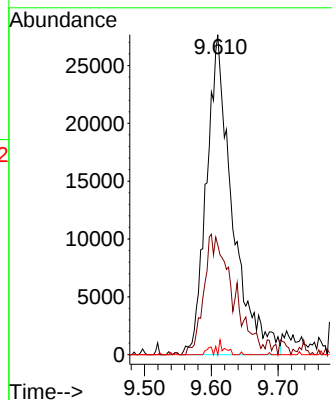
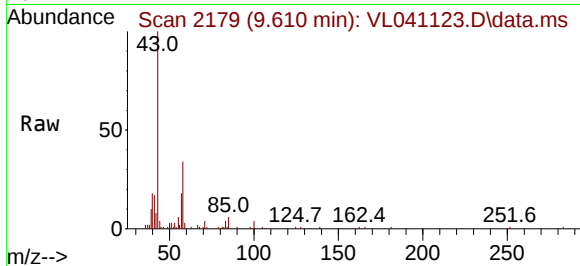
#51
2-Hexanone
Concen: 0.398 ppbv m
RT: 9.610 min Scan# 2171
Delta R.T. 0.026 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 7458
Ion Ratio Lower Upper
43 100
58 46.0 37.3 55.9
98 0.7 0.3 0.5

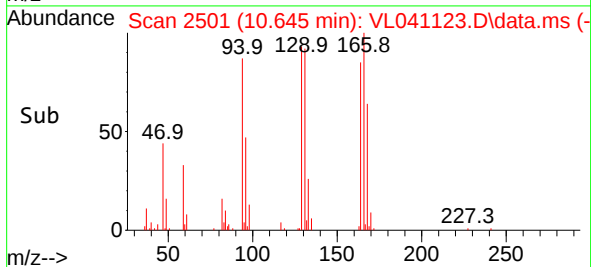
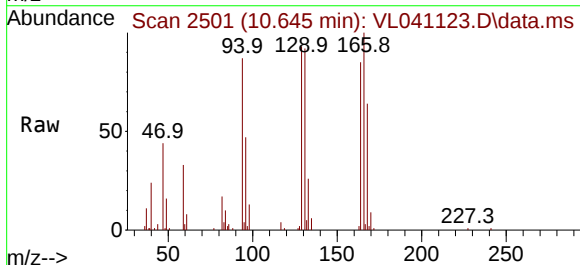
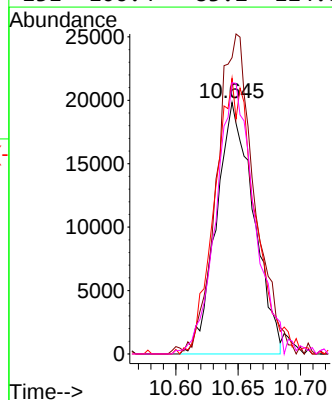
Manual Integrations
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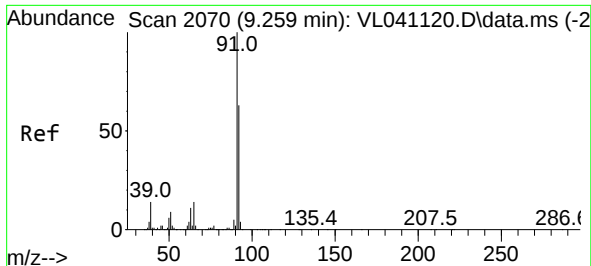
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#52
Tetrachloroethene
Concen: 0.480 ppbv
RT: 10.645 min Scan# 2501
Delta R.T. -0.006 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

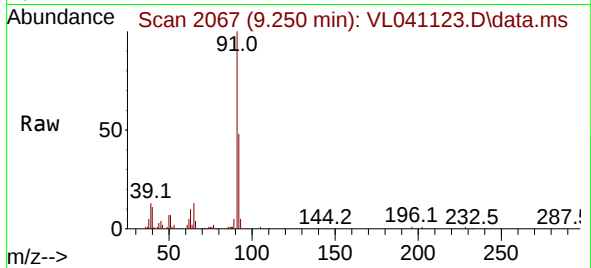
Tgt Ion:164 Resp: 41258
Ion Ratio Lower Upper
164 100
166 119.4 95.0 142.6
129 109.6 88.7 133.1
131 106.4 83.2 124.8





#53
Toluene
Concen: 0.404 ppbv m
RT: 9.250 min Scan# 2070
Delta R.T. -0.010 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

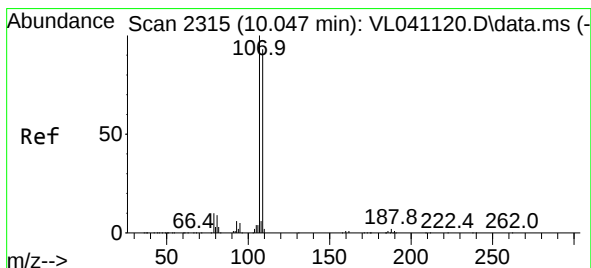
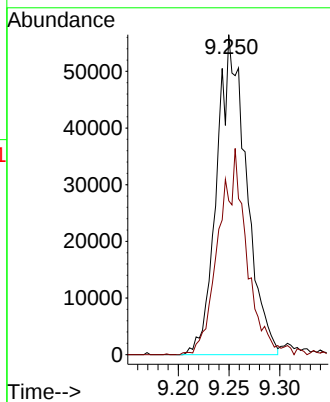
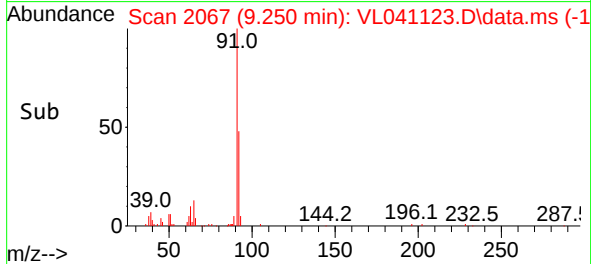
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



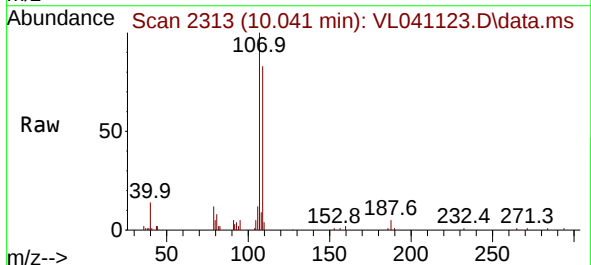
Tgt Ion: 91 Resp: 114410
Ion Ratio Lower Upper
91 100
92 60.8 49.0 73.4

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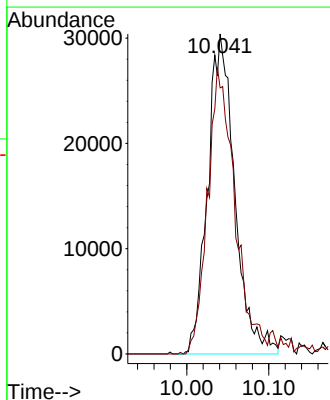
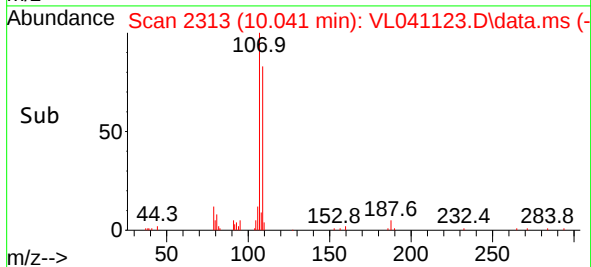
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

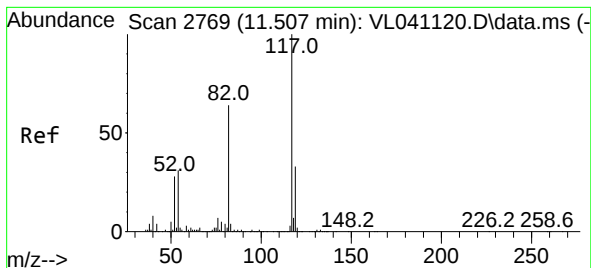


#54
1,2-Dibromoethane
Concen: 0.489 ppbv m
RT: 10.041 min Scan# 2313
Delta R.T. -0.006 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23



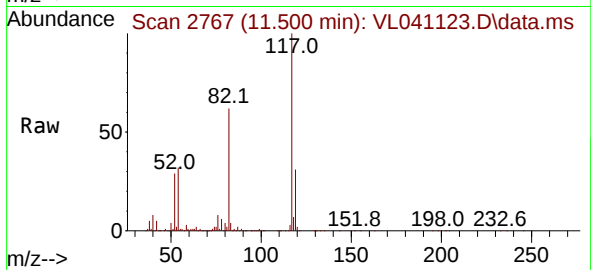
Tgt Ion:107 Resp: 69649
Ion Ratio Lower Upper
107 100
109 83.2 74.3 111.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

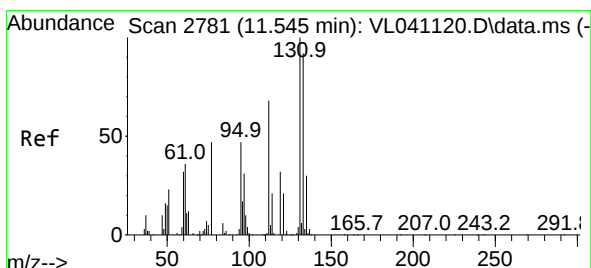
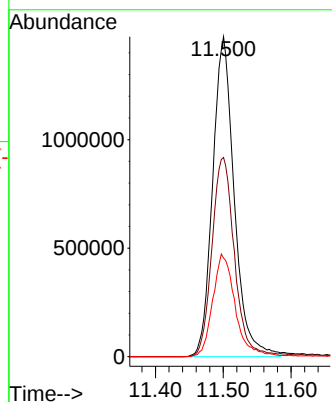
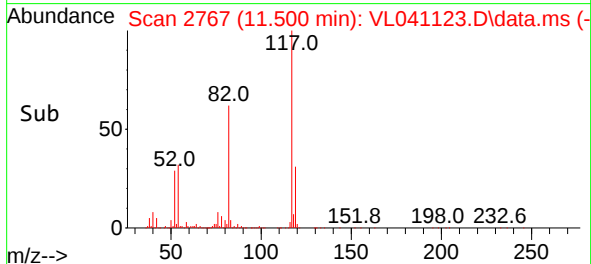
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



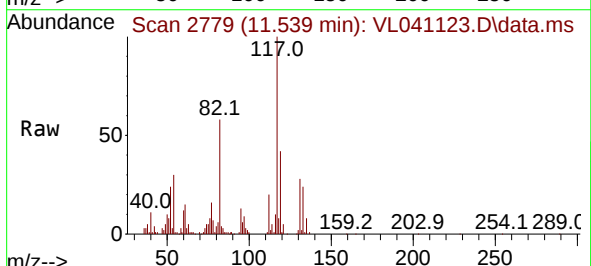
Tgt Ion:117 Resp: 326736
Ion Ratio Lower Upper
117 100
82 65.9 51.0 76.6
119 34.0 25.2 37.8

Manual Integrations
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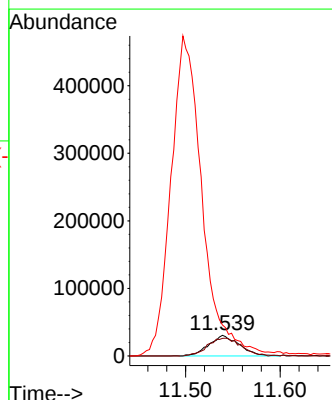
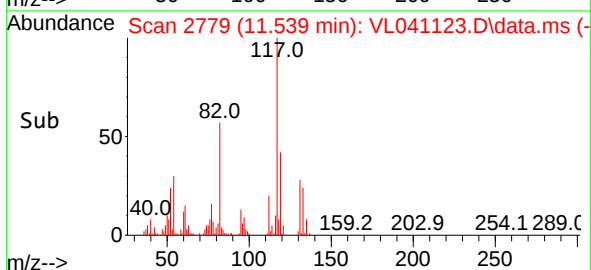
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

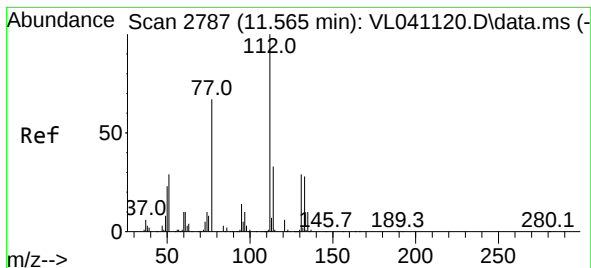


#56
1,1,1,2-Tetrachloroethane
Concen: 0.508 ppbv
RT: 11.539 min Scan# 2779
Delta R.T. -0.006 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23



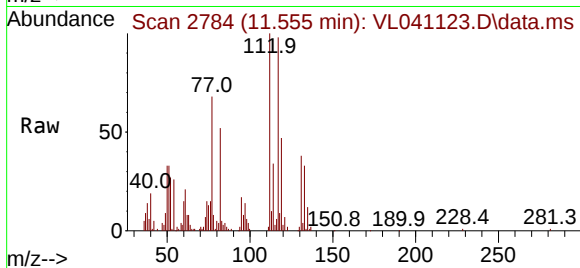
Tgt Ion:131 Resp: 67861
Ion Ratio Lower Upper
131 100
133 97.8 76.6 115.0
119 1634.7 49.9 74.9#





#57
Chlorobenzene
Concen: 0.540 ppbv m
RT: 11.555 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

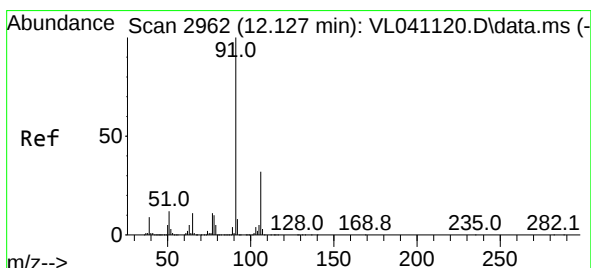
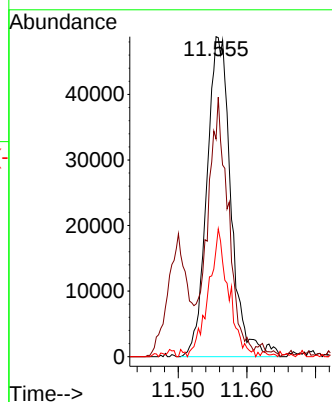
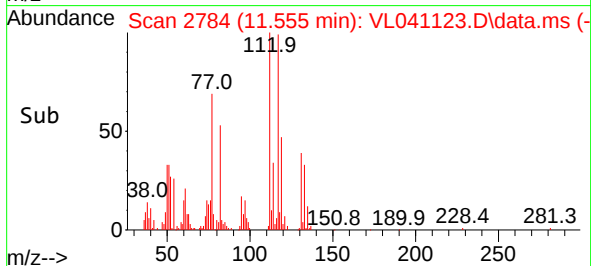
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:112 Resp: 11936
Ion Ratio Lower Upper
112 100
77 68.0 54.0 81.0
114 33.6 29.3 35.9

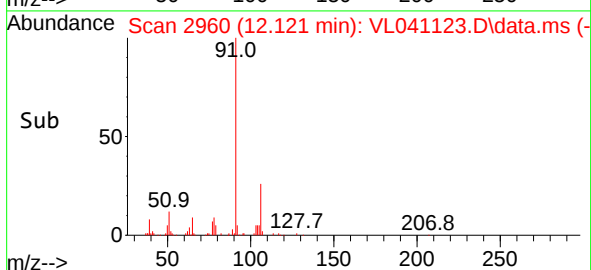
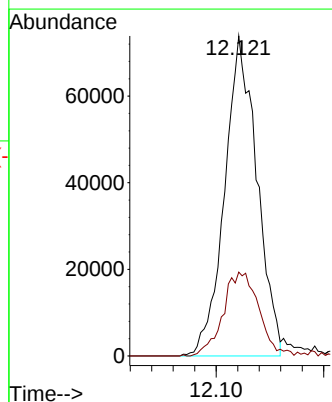
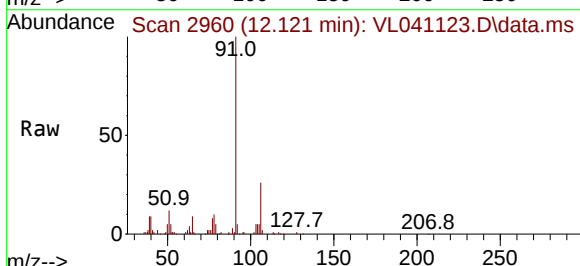
Manual Integrations
APPROVED

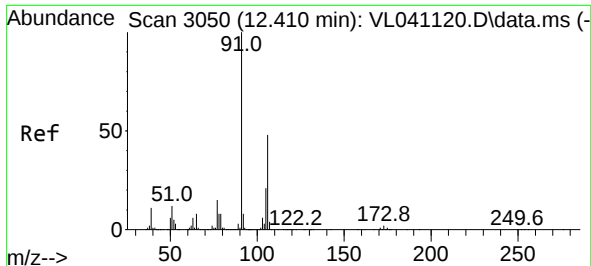
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#58
Ethyl Benzene
Concen: 0.434 ppbv
RT: 12.121 min Scan# 2960
Delta R.T. -0.006 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

Tgt Ion: 91 Resp: 154261
Ion Ratio Lower Upper
91 100
106 26.2 25.6 38.4





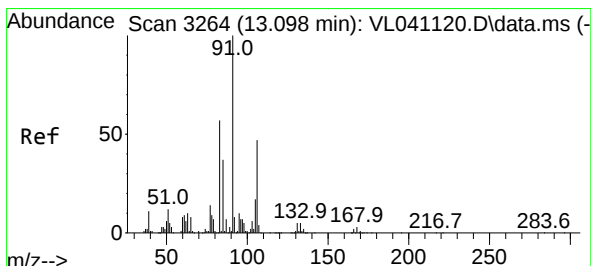
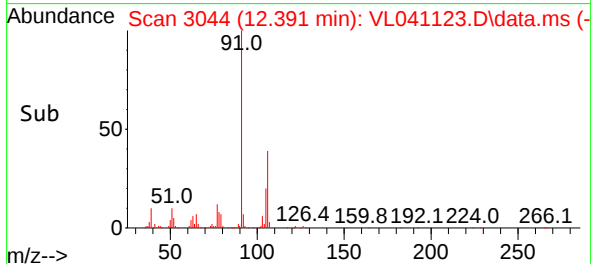
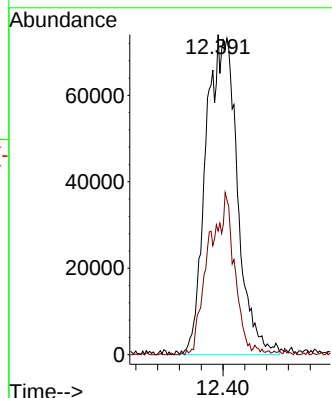
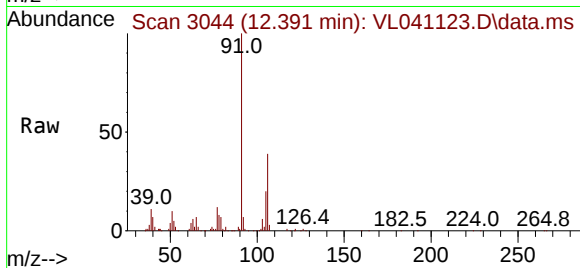
#59
m/p-Xylene
Concen: 0.923 ppbv m
RT: 12.391 min Scan# 3050
Delta R.T. -0.019 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 296960
Ion Ratio Lower Upper
91 100
106 42.2 35.4 53.2

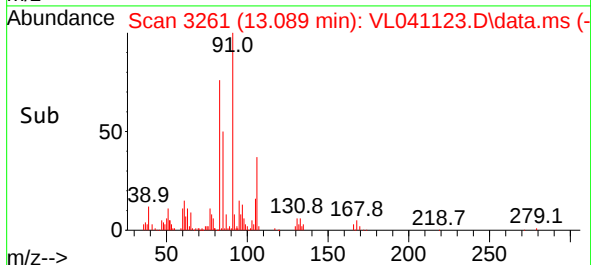
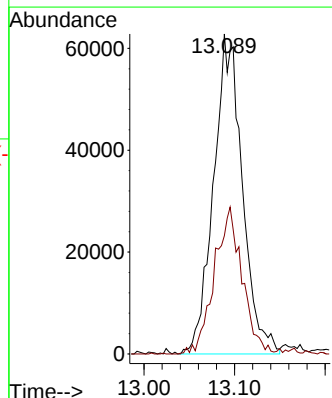
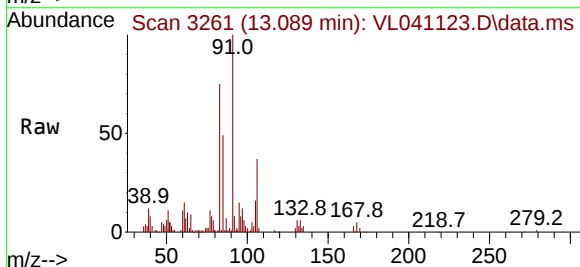
Manual Integrations
APPROVED

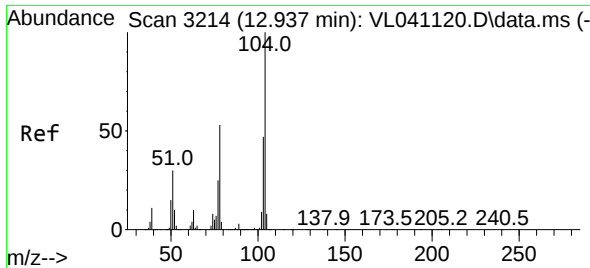
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#60
o-Xylene
Concen: 0.453 ppbv m
RT: 13.089 min Scan# 3261
Delta R.T. -0.010 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

Tgt Ion: 91 Resp: 138650
Ion Ratio Lower Upper
91 100
106 0.0 22.9 68.5#





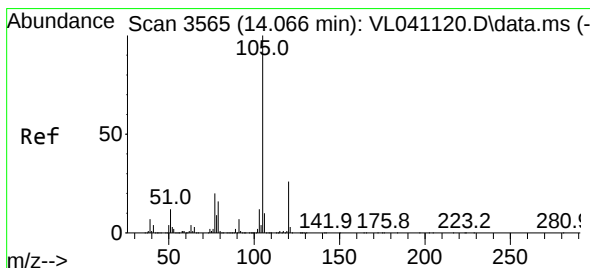
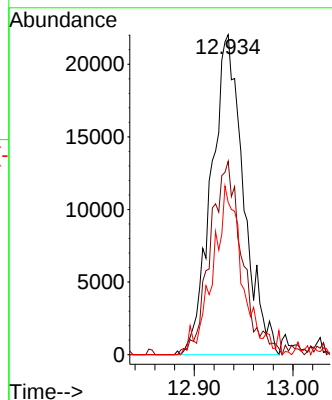
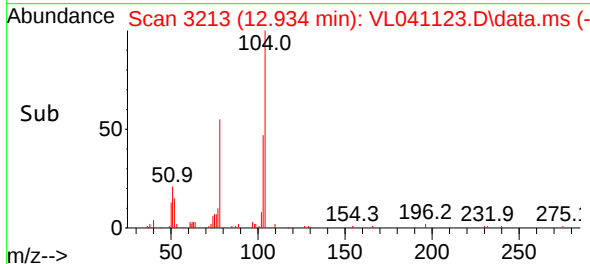
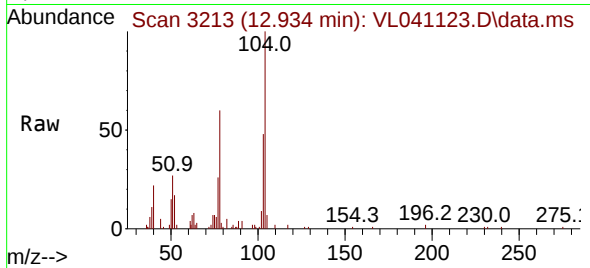
#61
Styrene
Concen: 0.369 ppbv m
RT: 12.934 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:104 Resp: 4994
Ion Ratio Lower Upper
104 100
78 59.8 43.3 64.9
103 49.0 38.2 57.2

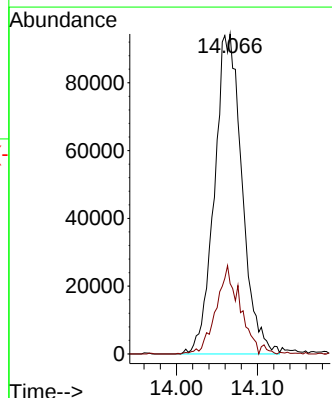
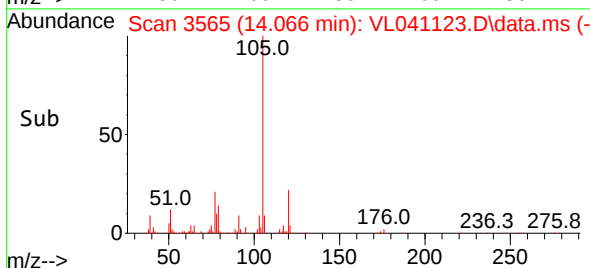
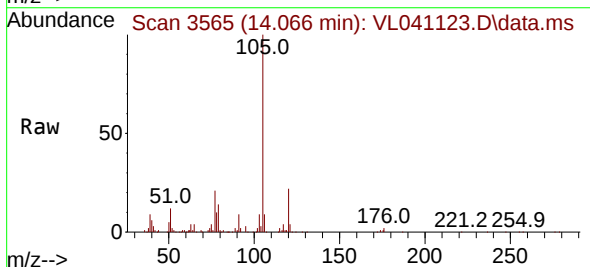
Manual Integrations
APPROVED

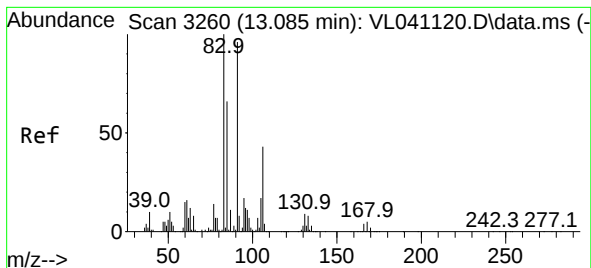
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#62
Isopropylbenzene
Concen: 0.490 ppbv m
RT: 14.066 min Scan# 3565
Delta R.T. 0.000 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

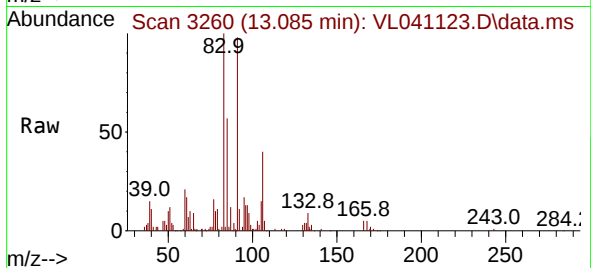
Tgt Ion:105 Resp: 222727
Ion Ratio Lower Upper
105 100
120 0.0 21.0 31.4#





#63
1,1,2,2-Tetrachloroethane
Concen: 0.561 ppbv m
RT: 13.085 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

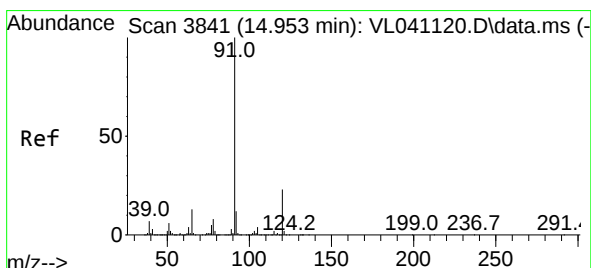
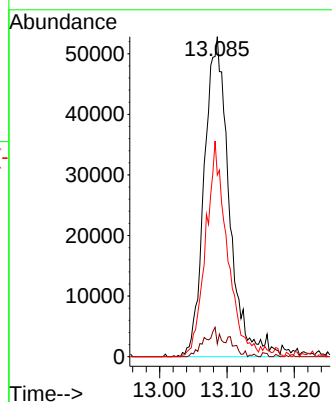
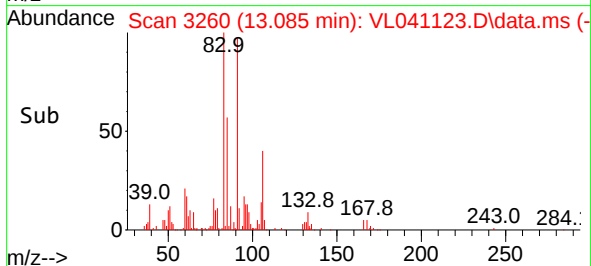
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



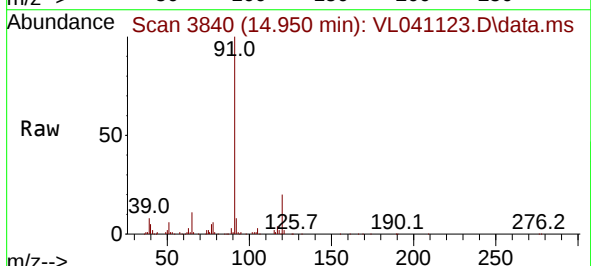
Tgt Ion: 83 Resp: 13533
Ion Ratio Lower Upper
83 100
131 8.2 4.7 14.0
85 58.3 33.1 99.2

Manual Integrations
APPROVED

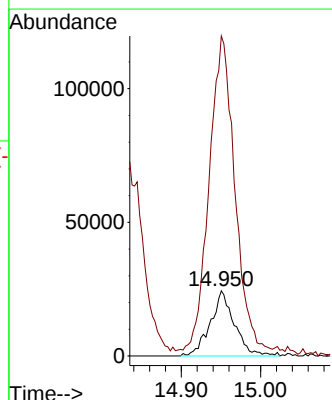
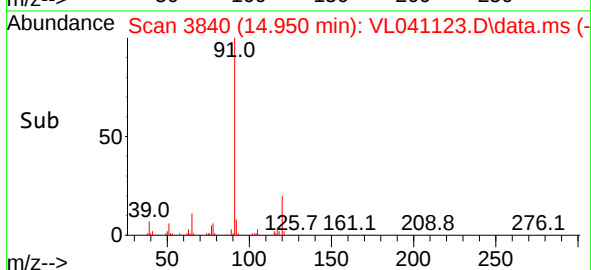
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

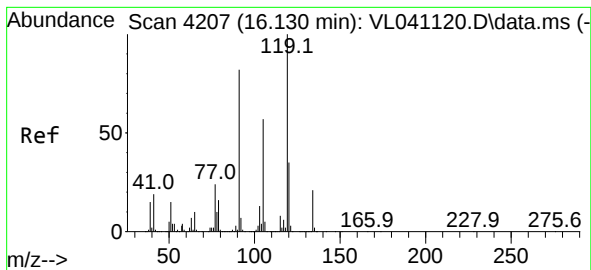


#64
n-propylbenzene
Concen: 0.454 ppbv m
RT: 14.950 min Scan# 3840
Delta R.T. -0.003 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23



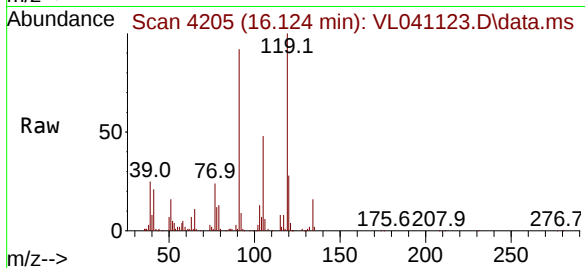
Tgt Ion:120 Resp: 51569
Ion Ratio Lower Upper
120 100
91 538.4 395.0 592.6





#65
tert-Butylbenzene
Concen: 0.452 ppbv m
RT: 16.124 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

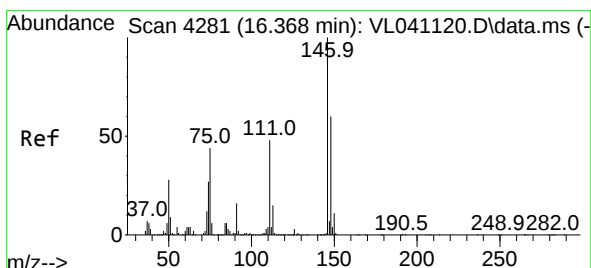
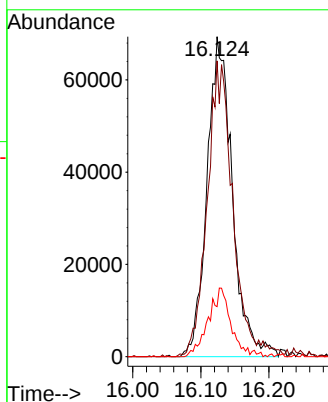
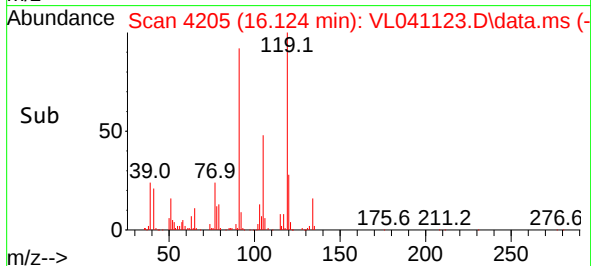
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 119 Resp: 179292
Ion Ratio Lower Upper
119 100
91 93.9 67.8 101.8
134 19.4 16.0 24.0

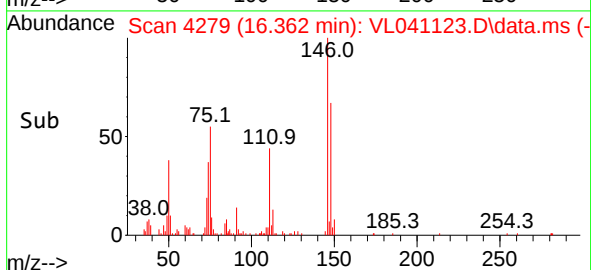
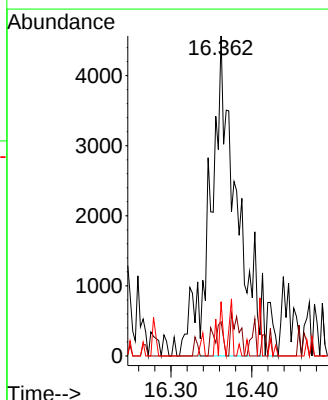
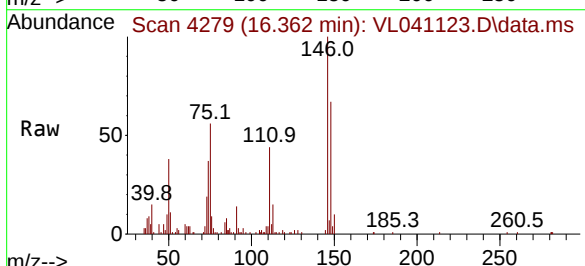
Manual Integrations
APPROVED

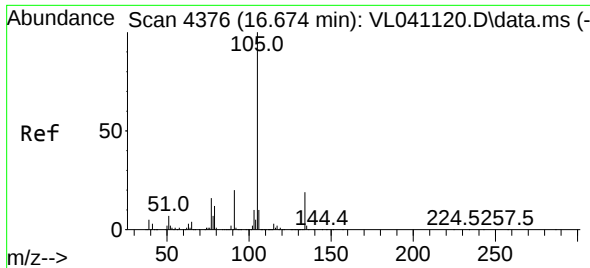
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#66
Benzyl Chloride
Concen: 0.407 ppbv m
RT: 16.362 min Scan# 4279
Delta R.T. -0.006 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

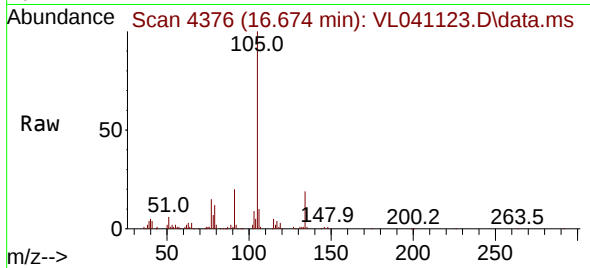
Tgt Ion: 91 Resp: 10652
Ion Ratio Lower Upper
91 100
126 4.5 13.4 20.2#
128 0.0 4.3 6.5#





#67
 sec-Butylbenzene
 Concen: 0.464 ppbv
 RT: 16.674 min Scan# 4376
 Delta R.T. 0.000 min
 Lab File: VL041123.D
 Acq: 4 Apr 2024 11:23

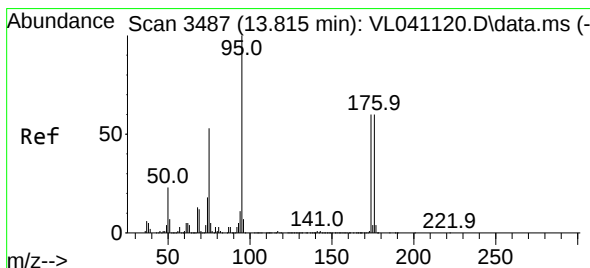
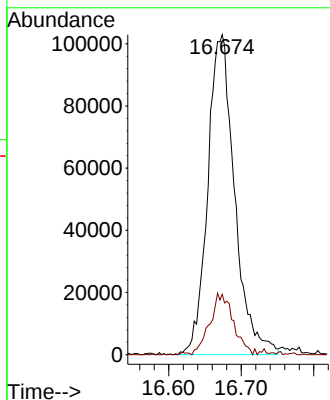
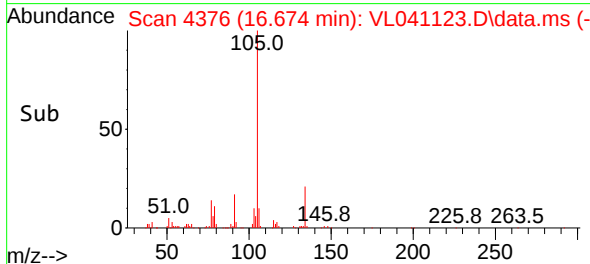
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



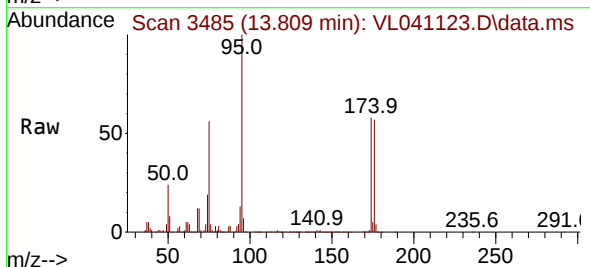
Tgt Ion: 105 Resp: 265180
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.3 21.5

Manual Integrations
 APPROVED

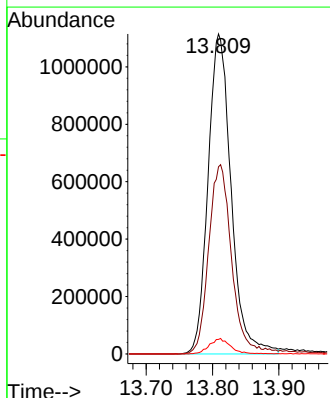
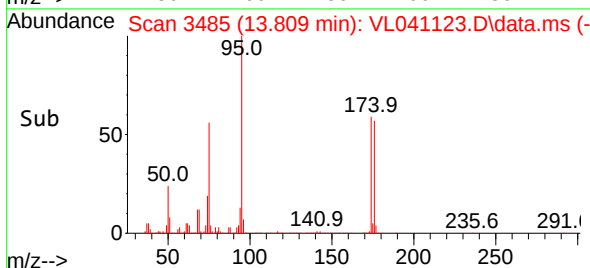
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

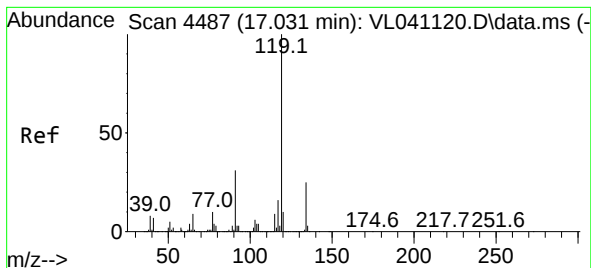


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.284 ppbv
 RT: 13.809 min Scan# 3485
 Delta R.T. -0.006 min
 Lab File: VL041123.D
 Acq: 4 Apr 2024 11:23



Tgt Ion: 95 Resp: 2692141
 Ion Ratio Lower Upper
 95 100
 174 60.3 49.3 73.9
 175 4.5 3.6 5.4





#69

p-Isopropyltoluene

Concen: 0.431 ppbv

RT: 17.034 min Scan# 4487

Delta R.T. 0.003 min

Lab File: VL041123.D

Acq: 4 Apr 2024 11:23

Instrument :

MSVOA_L

ClientSampleId :

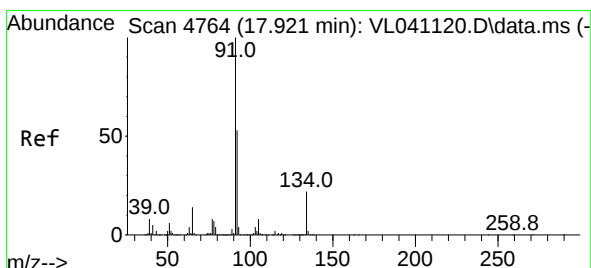
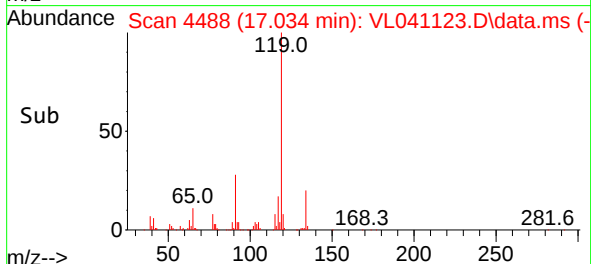
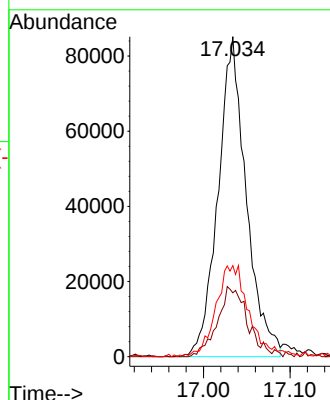
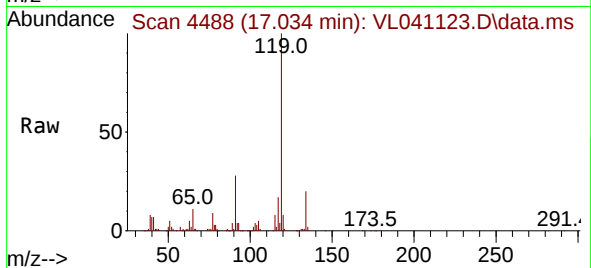
VSTDIC0.5

Tgt Ion:119 Resp: 192230
 Ion Ratio Lower Upper
 119 100
 134 24.1 20.5 30.7
 91 33.9 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024



#70

n-Butylbenzene

Concen: 0.428 ppbv m

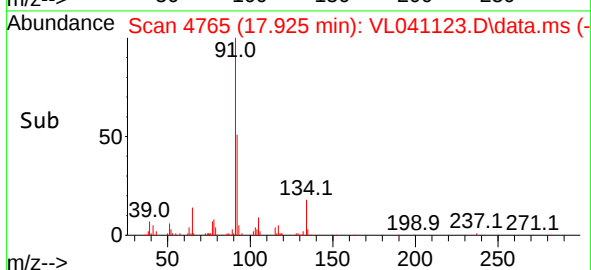
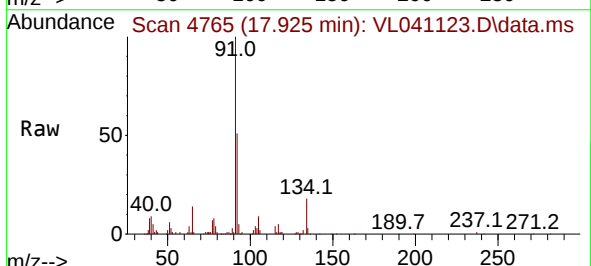
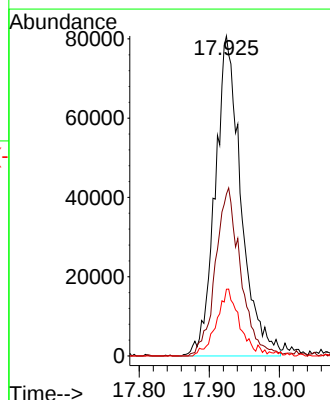
RT: 17.925 min Scan# 4765

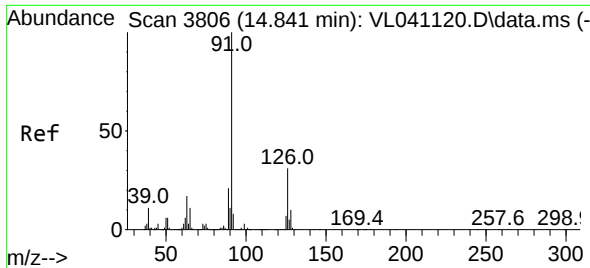
Delta R.T. 0.003 min

Lab File: VL041123.D

Acq: 4 Apr 2024 11:23

Tgt Ion: 91 Resp: 207844
 Ion Ratio Lower Upper
 91 100
 92 52.0 43.4 65.0
 134 19.7 17.1 25.7





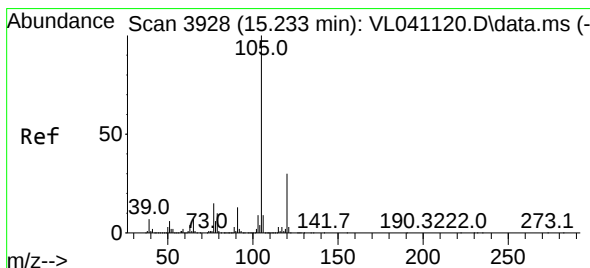
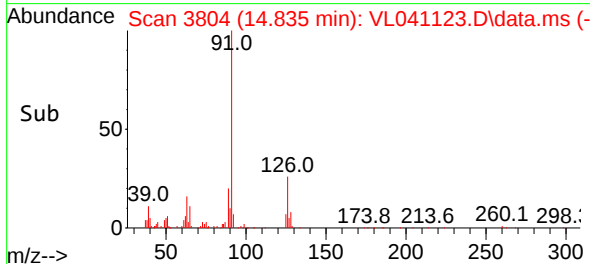
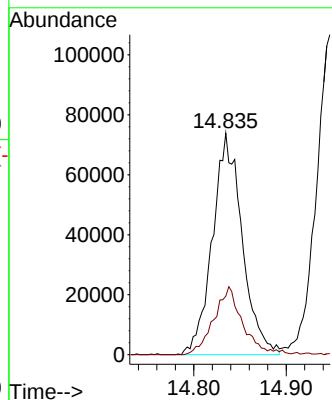
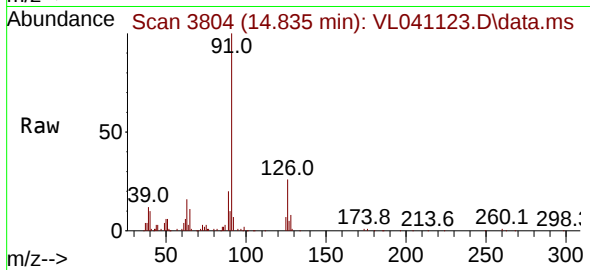
#71
2-Chlorotoluene
Concen: 0.474 ppbv m
RT: 14.835 min Scan# 3804
Delta R.T. -0.006 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 16472
Ion Ratio Lower Upper
91 100
126 30.3 12.5 50.1

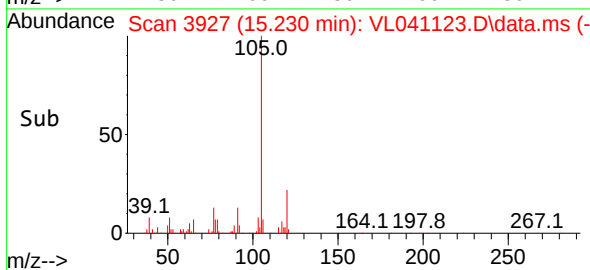
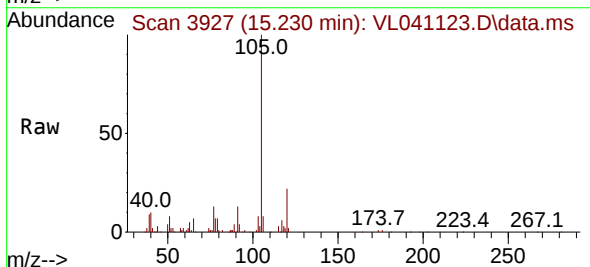
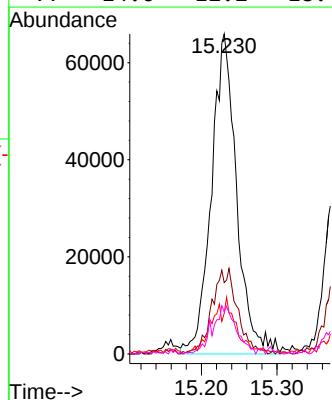
Manual Integrations
APPROVED

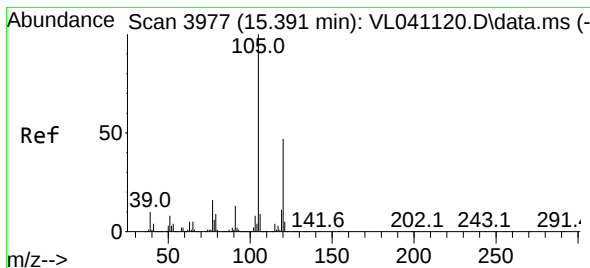
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#72
4-Ethyltoluene
Concen: 0.454 ppbv m
RT: 15.230 min Scan# 3927
Delta R.T. -0.003 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

Tgt Ion:105 Resp: 153266
Ion Ratio Lower Upper
105 100
120 26.9 24.2 36.2
91 16.3 11.2 16.8
77 14.6 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 0.459 ppbv m

RT: 15.388 min Scan# 3976

Delta R.T. -0.003 min

Lab File: VL041123.D

Acq: 4 Apr 2024 11:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:105 Resp: 137719

Ion Ratio Lower Upper

105 100

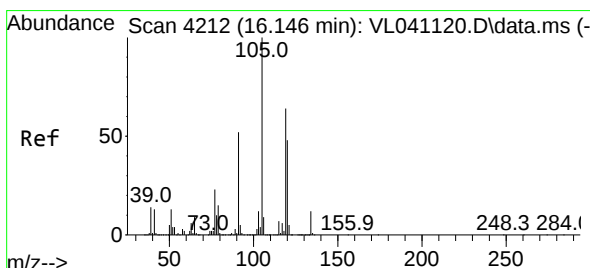
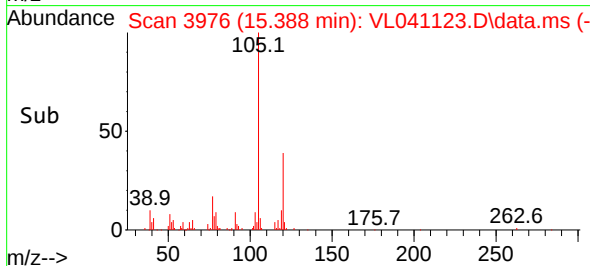
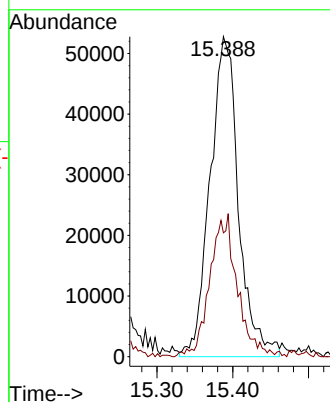
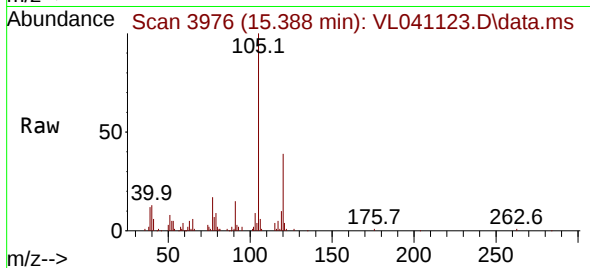
120 38.7 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.444 ppbv

RT: 16.140 min Scan# 4210

Delta R.T. -0.006 min

Lab File: VL041123.D

Acq: 4 Apr 2024 11:23

Tgt Ion:105 Resp: 153563

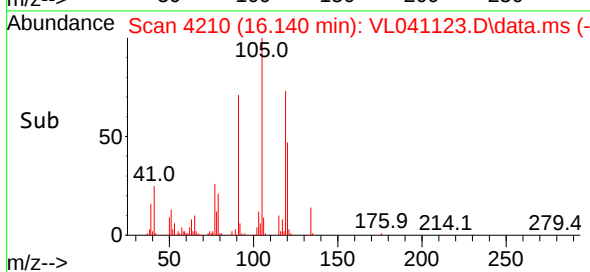
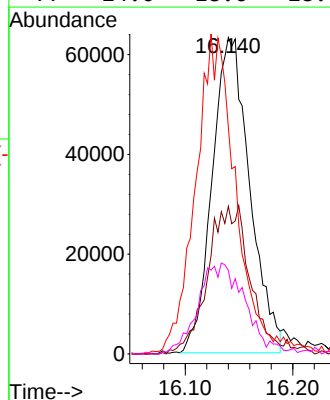
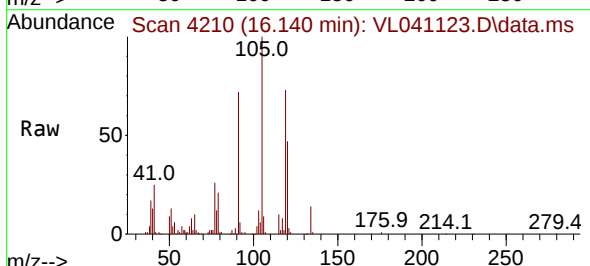
Ion Ratio Lower Upper

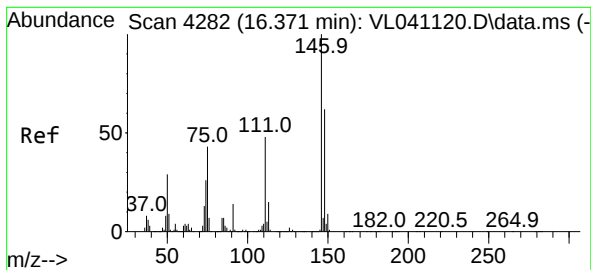
105 100

120 44.0 38.9 58.3

91 66.9 43.0 64.6#

77 24.0 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 0.482 ppbv m

RT: 16.375 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041123.D

Acq: 4 Apr 2024 11:23

Instrument :

MSVOA_L

ClientSampleId :

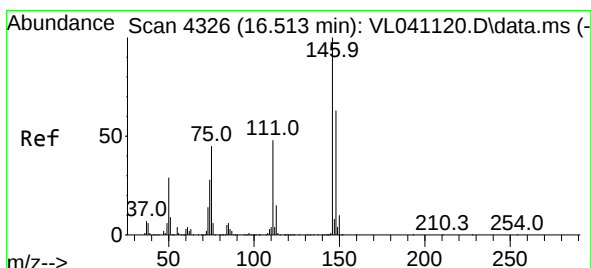
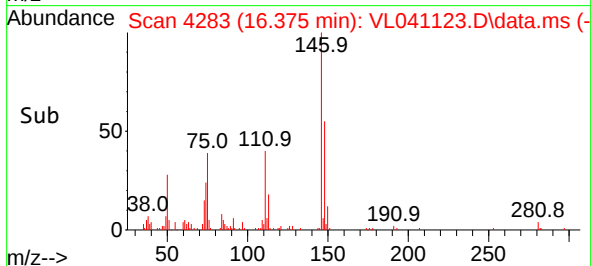
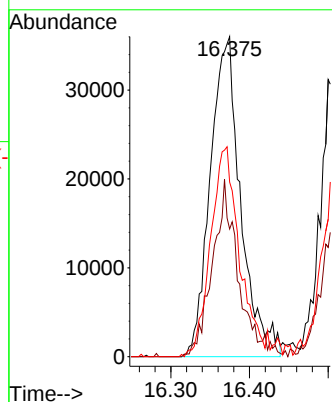
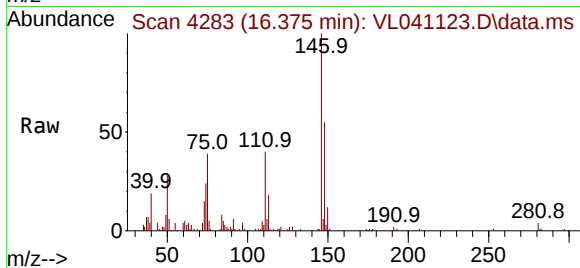
VSTDIC0.5

Tgt Ion:	146	Resp:	96830
Ion Ratio	Lower	Upper	
146	100		
111	46.7	24.1	72.4
148	63.5	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#76

1,4-Dichlorobenzene

Concen: 0.499 ppbv m

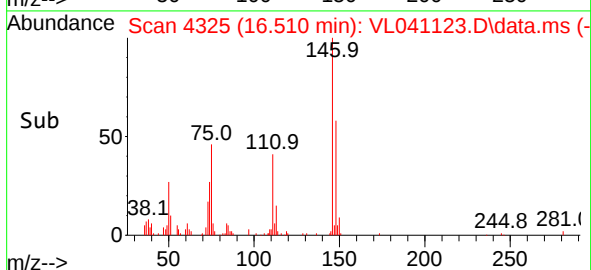
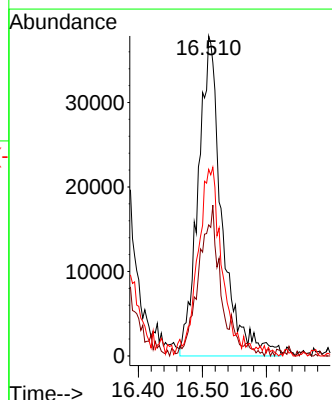
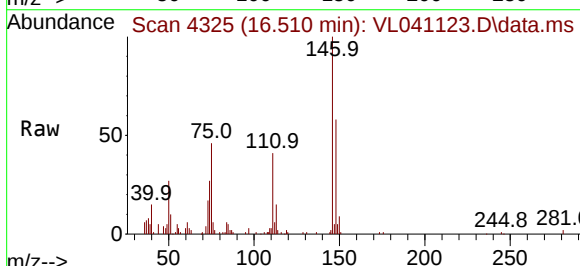
RT: 16.510 min Scan# 4325

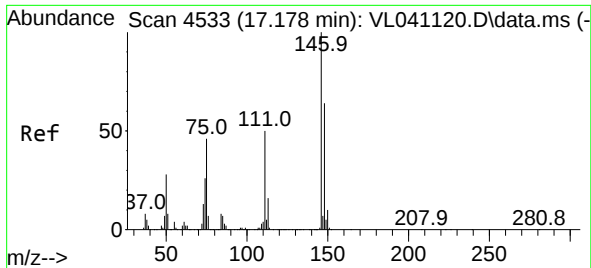
Delta R.T. -0.003 min

Lab File: VL041123.D

Acq: 4 Apr 2024 11:23

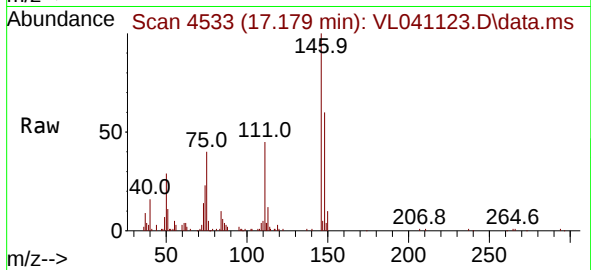
Tgt Ion:	146	Resp:	97550
Ion Ratio	Lower	Upper	
146	100		
111	0.0	24.1	72.3#
148	0.0	33.1	99.2#





#77
1,2-Dichlorobenzene
Concen: 0.476 ppbv
RT: 17.179 min Scan# 4533
Delta R.T. 0.000 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

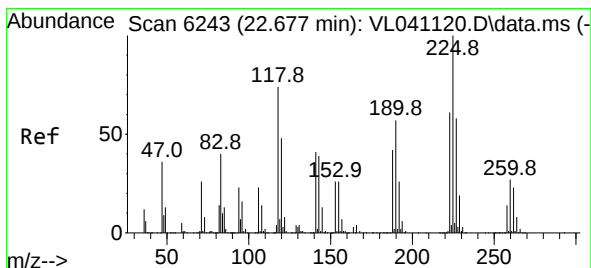
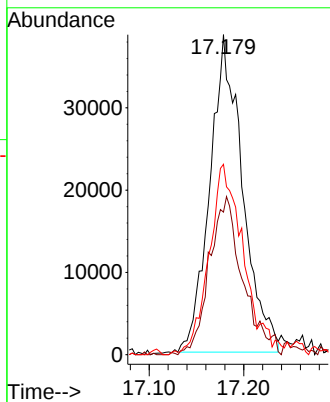
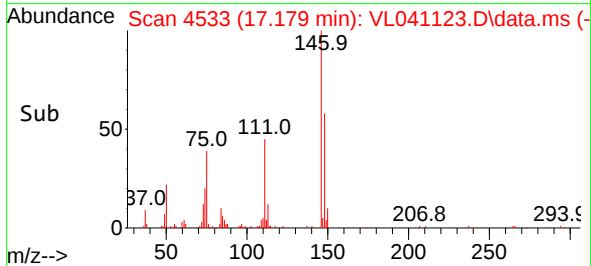
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



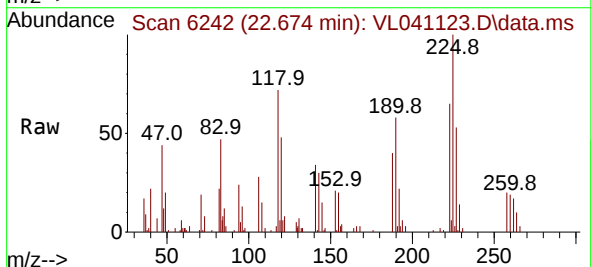
Tgt Ion:146 Resp: 9283
Ion Ratio Lower Upper
146 100
111 52.5 25.1 75.3
148 64.7 32.6 97.7

Manual Integrations
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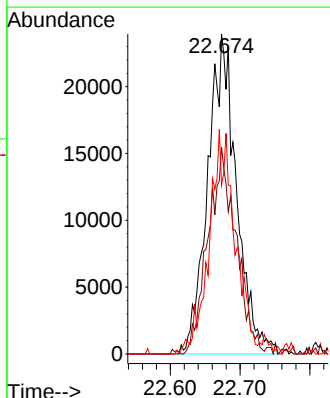
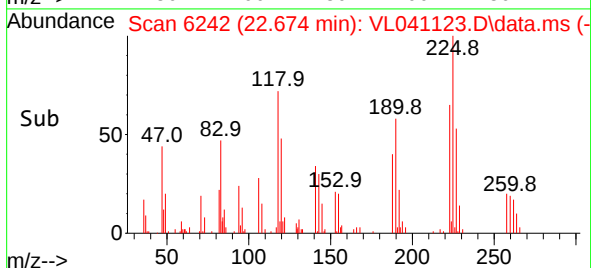
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

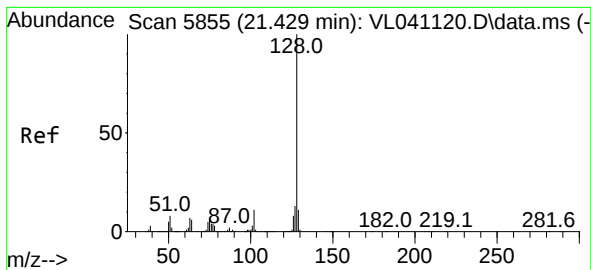


#78
Hexachloro-1,3-Butadiene
Concen: 0.528 ppbv m
RT: 22.674 min Scan# 6242
Delta R.T. -0.003 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23



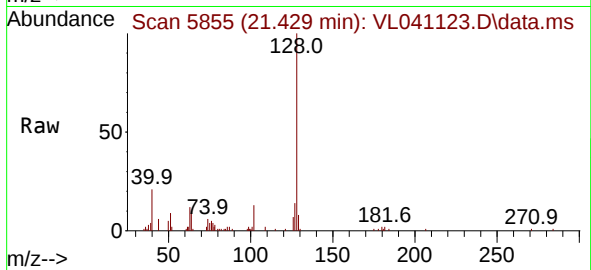
Tgt Ion:225 Resp: 68438
Ion Ratio Lower Upper
225 100
223 0.0 50.9 76.3#
227 0.0 51.3 76.9#





#79
Naphthalene
Concen: 0.369 ppbv m
RT: 21.429 min Scan# 5855
Delta R.T. 0.000 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

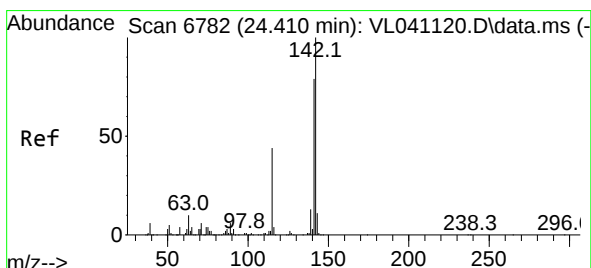
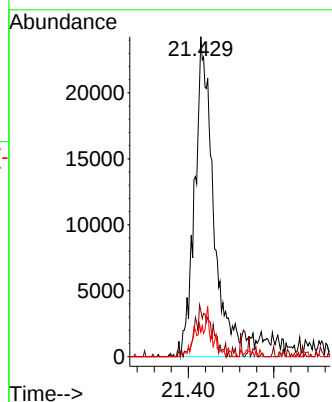
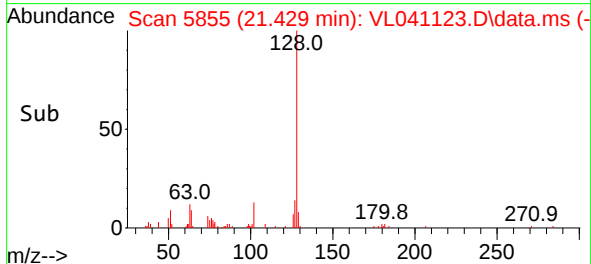
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



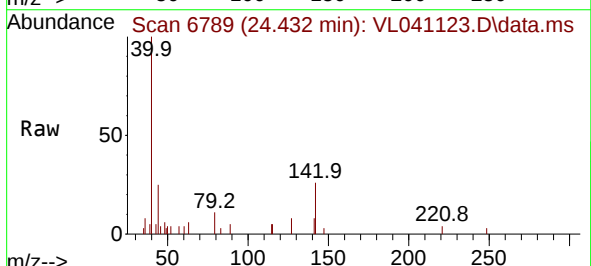
Tgt Ion:128 Resp: 8010
Ion Ratio Lower Upper
128 100
127 14.3 10.6 15.8
129 7.6 8.6 12.8

Manual Integrations
APPROVED

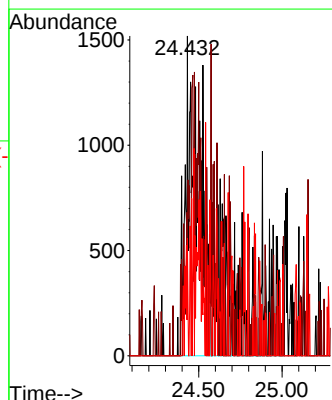
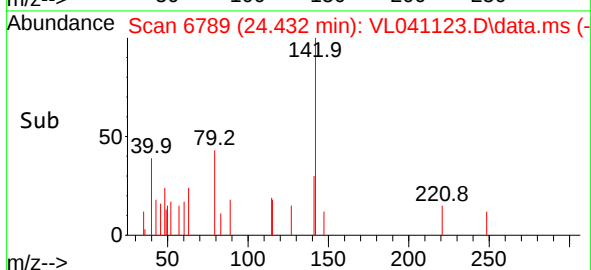
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

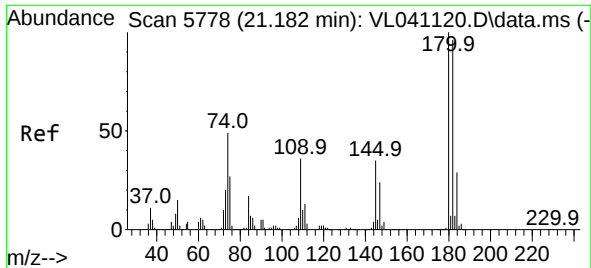


#80
Naphthalene,2-methyl-
Concen: 0.335 ppbv m
RT: 24.432 min Scan# 6789
Delta R.T. 0.023 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23



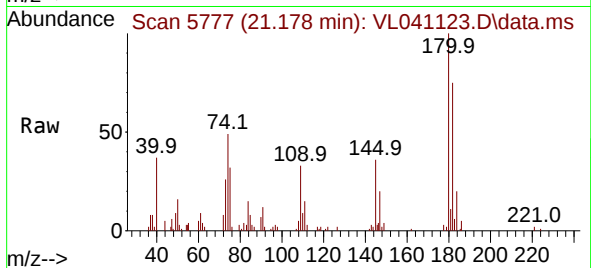
Tgt Ion:142 Resp: 12768
Ion Ratio Lower Upper
142 100
141 0.0 64.4 96.6#
115 7.0 33.5 50.3#





#81
1,2,4-Trichlorobenzene
Concen: 0.375 ppbv m
RT: 21.178 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL041123.D
Acq: 4 Apr 2024 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion:180 Resp: 4694
Ion Ratio Lower Upper
180 100
182 0.0 77.4 116.2
184 0.0 24.9 37.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

