

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
 Data File : VL041119.D
 Acq On : 4 Apr 2024 8:46
 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 04:14:27 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)

Internal Standards						
1) Bromochloromethane	5.217	49	1397898	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.684	114	3576867	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.503	117	3217481	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.812 95 2653807 10.294 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.738	85	147862	0.617	ppbv	95
3) Chlorodifluoromethane	2.684	51	118679	0.551	ppbv	99
4) Chloromethane	2.825	50	43418	0.533	ppbv #	87
5) Vinyl Chloride	2.931	62	44273	0.569	ppbv	99
6) Bromomethane	3.131	94	15785	0.533	ppbv	82
7) Chloroethane	3.208	64	16643	0.587	ppbv #	83
8) Dichlorotetrafluoroethane	2.867	85	112682	0.552	ppbv	98
9) Propene	2.706	41	33141	0.484	ppbv	98
10) Heptane	7.616	43	76092	0.468	ppbv	98
11) Trichlorofluoromethane	3.578	101	116466	0.537	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.086	101	87365	0.557	ppbv	99
13) Ethanol	3.279	45	9019m	0.565	ppbv	
14) Bromoethene	3.382	108	31496	0.510	ppbv #	92
15) Acetone	3.500	43	82162	0.543	ppbv	91
16) 1,3-Butadiene	2.999	39	40315m	0.543	ppbv	
17) tert-Butyl alcohol	3.915	59	70051	0.510	ppbv	96
18) 1,1-Dichloroethene	3.902	96	35326m	0.527	ppbv	
19) Isopropyl Alcohol	3.613	45	49300m	0.530	ppbv	
20) Methylene Chloride	3.957	84	41263	0.661	ppbv	93
21) Allyl Chloride	4.018	41	44615	0.484	ppbv	90
22) trans-1,2-Dichloroethene	4.472	96	35189	0.504	ppbv	95
23) Vinyl Acetate	4.658	43	72572	0.462	ppbv #	96
24) 1,1-Dichloroethane	4.587	63	76901	0.547	ppbv #	98
25) Ethyl Acetate	5.243	43	144571	0.509	ppbv #	98
26) Hexane	5.237	57	60228	0.472	ppbv #	82
27) Carbon Disulfide	4.150	76	79167	0.511	ppbv	95
28) Methyl tert-Butyl Ether	4.619	73	49487	0.514	ppbv	97
29) Chloroform	5.304	83	114616	0.533	ppbv	92
30) Cyclohexane	6.635	84	56784m	0.554	ppbv	
31) cis-1,2-Dichloroethene	5.102	61	57219m	0.474	ppbv	
32) 1,1,1-Trichloroethane	6.034	97	99881	0.503	ppbv	91
34) 2-Butanone	4.828	43	80499	0.521	ppbv	97
35) Carbon Tetrachloride	6.520	117	105811	0.518	ppbv	98
36) Benzene	6.404	78	124334	0.474	ppbv	96
37) 1,2-Dichloroethane	5.832	62	83240	0.528	ppbv	99
38) Trichloroethene	7.330	130	46228	0.485	ppbv #	88
39) 1,2-Dichloropropane	7.102	63	54535m	0.524	ppbv	
40) 1,4-Dioxane	7.356	88	17009m	0.476	ppbv	
41) Tetrahydrofuran	5.610	42	46653m	0.472	ppbv	
42) Bromodichloromethane	7.278	83	109738	0.487	ppbv	91
43) Methyl Methacrylate	7.513	69	39846m	0.437	ppbv	
44) 2,2,4-Trimethylpentane	7.362	57	206574	0.475	ppbv	93
45) t-1,3-Dichloropropene	8.745	75	21683m	0.369	ppbv	

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

Quant Time: Apr 05 04:14:27 2024

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

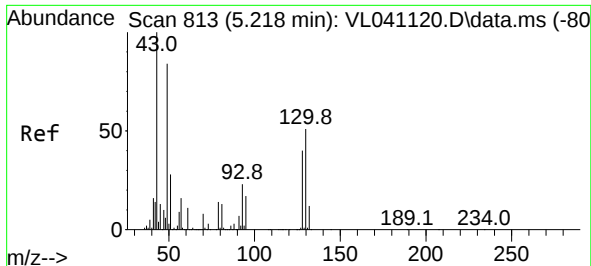
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

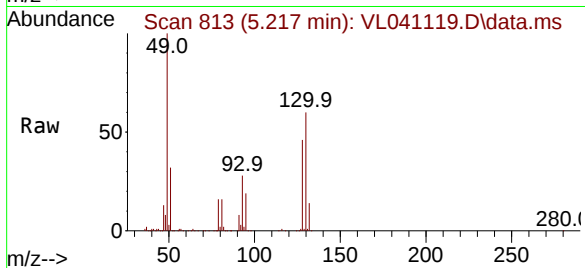
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.182	75	29272m	0.391	ppbv	
47) 1,1,2-Trichloroethane	8.934	97	53862	0.481	ppbv	95
48) Dibromochloromethane	9.745	129	80455m	0.453	ppbv	
49) Bromoform	12.442	173	60400m	0.429	ppbv	
50) 4-Methyl-2-Pentanone	8.240	43	112979m	0.426	ppbv	
51) 2-Hexanone	9.613	43	71446m	0.389	ppbv	
52) Tetrachloroethene	10.651	164	41693m	0.496	ppbv	
53) Toluene	9.259	91	109603	0.395	ppbv	98
54) 1,2-Dibromoethane	10.047	107	71837m	0.515	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.545	131	69778m	0.530	ppbv	
57) Chlorobenzene	11.561	112	119235m	0.547	ppbv	
58) Ethyl Benzene	12.130	91	152318	0.435	ppbv	95
59) m/p-Xylene	12.404	91	300504m	0.949	ppbv	
60) o-Xylene	13.098	91	137803	0.457	ppbv	97
61) Styrene	12.931	104	47369m	0.355	ppbv	
62) Isopropylbenzene	14.069	105	213848	0.478	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.089	83	126928	0.534	ppbv	97
64) n-propylbenzene	14.953	120	52114	0.466	ppbv	82
65) tert-Butylbenzene	16.133	119	175902	0.450	ppbv	90
66) Benzyl Chloride	16.368	91	12256m	0.476	ppbv	
67) sec-Butylbenzene	16.674	105	261583	0.464	ppbv	98
69) p-Isopropyltoluene	17.040	119	197913m	0.451	ppbv	
70) n-Butylbenzene	17.934	91	216594m	0.453	ppbv	
71) 2-Chlorotoluene	14.834	91	165326m	0.483	ppbv	
72) 4-Ethyltoluene	15.230	105	148873m	0.448	ppbv	
73) 1,3,5-Trimethylbenzene	15.394	105	125378	0.424	ppbv	92
74) 1,2,4-Trimethylbenzene	16.146	105	157640	0.463	ppbv #	92
75) 1,3-Dichlorobenzene	16.375	146	96260m	0.487	ppbv	
76) 1,4-Dichlorobenzene	16.513	146	96357m	0.501	ppbv	
77) 1,2-Dichlorobenzene	17.182	146	97063m	0.505	ppbv	
78) Hexachloro-1,3-Butadiene	22.677	225	65828m	0.516	ppbv	
79) Naphthalene	21.435	128	82489m	0.385	ppbv	
80) Naphthalene,2-methyl-	24.435	142	13390m	0.357	ppbv	
81) 1,2,4-Trichlorobenzene	21.194	180	50361m	0.408	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.217 min Scan# 81
Delta R.T. -0.001 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

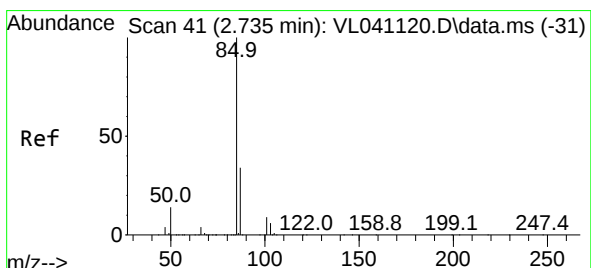
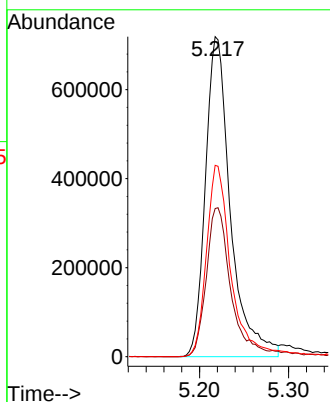
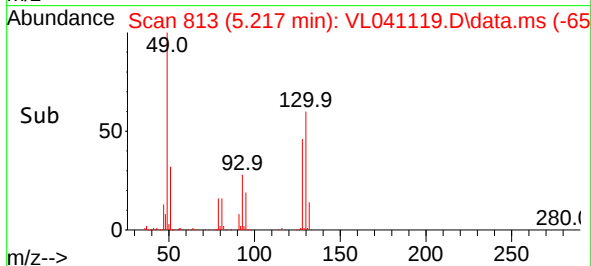
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



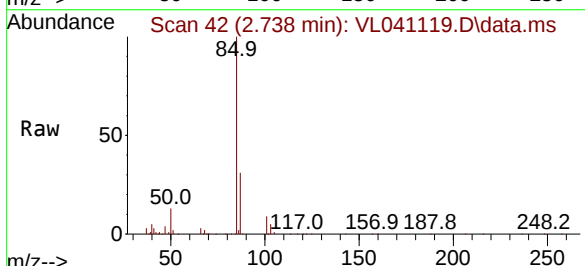
Tgt Ion: 49 Resp: 1397898
Ion Ratio Lower Upper
49 100
128 48.5 23.6 71.0
130 60.9 30.1 90.5

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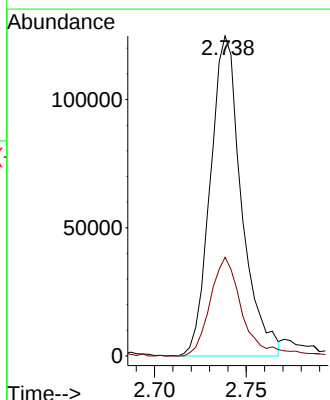
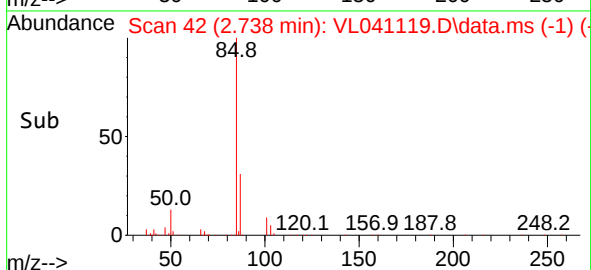
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

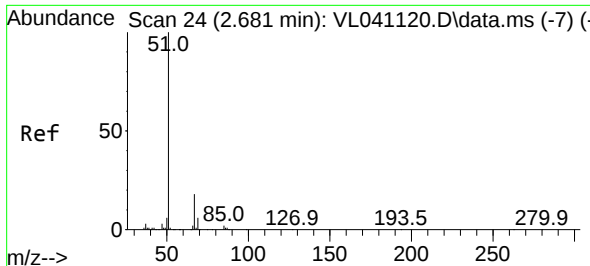


#2
Dichlorodifluoromethane
Concen: 0.617 ppbv
RT: 2.738 min Scan# 42
Delta R.T. 0.003 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46



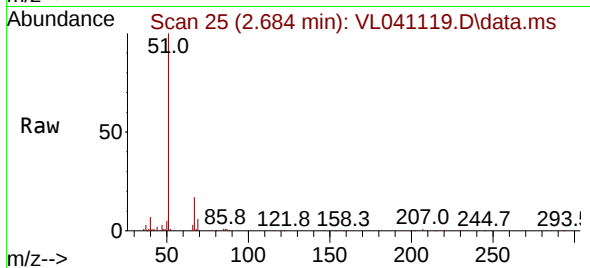
Tgt Ion: 85 Resp: 147862
Ion Ratio Lower Upper
85 100
87 30.8 27.0 40.6





#3
Chlorodifluoromethane
Concen: 0.551 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

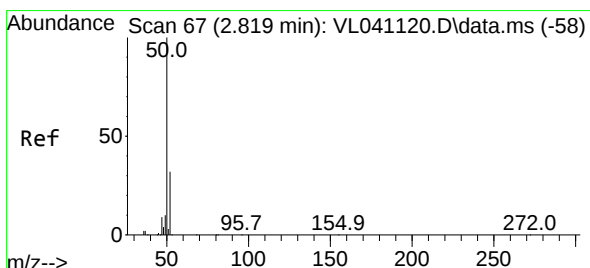
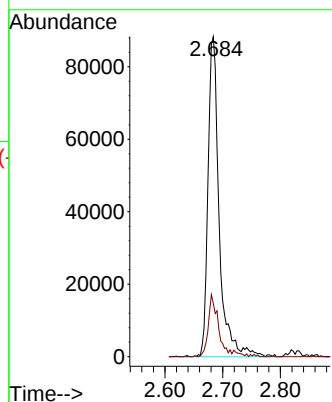
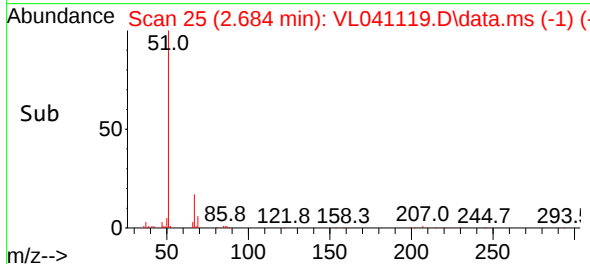
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 51 Resp: 118679
Ion Ratio Lower Upper
51 100
67 18.9 14.9 22.3

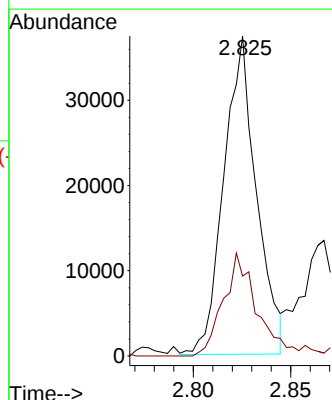
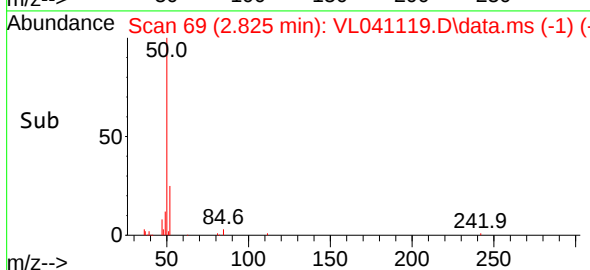
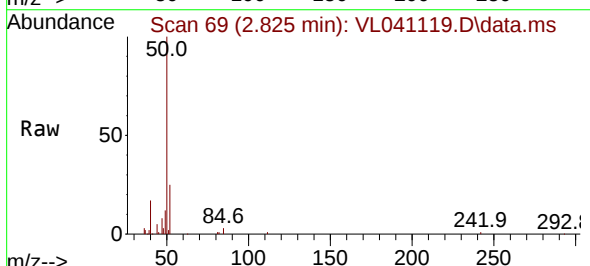
Manual Integrations
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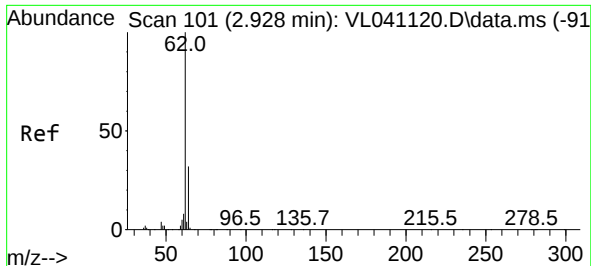
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#4
Chloromethane
Concen: 0.533 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.006 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

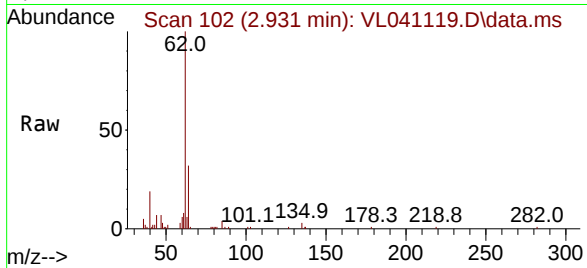
Tgt Ion: 50 Resp: 43418
Ion Ratio Lower Upper
50 100
52 25.2 26.0 39.0#





#5
 Vinyl Chloride
 Concen: 0.569 ppbv
 RT: 2.931 min Scan# 101
 Delta R.T. 0.003 min
 Lab File: VL041119.D
 Acq: 4 Apr 2024 8:46

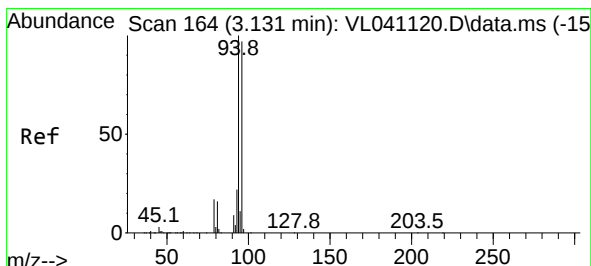
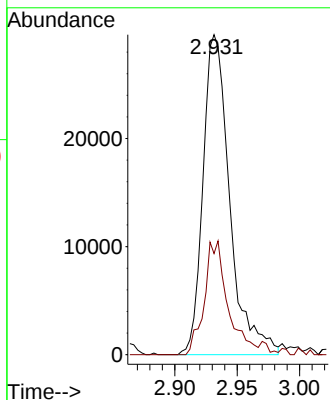
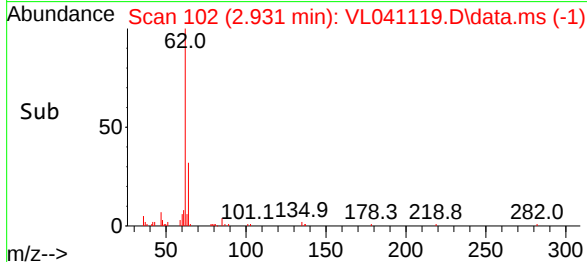
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 62 Resp: 4427
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.6 38.4

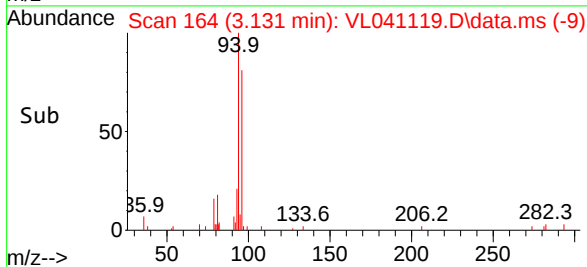
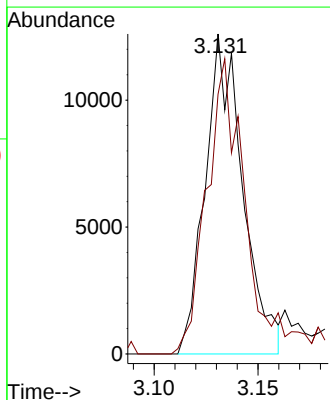
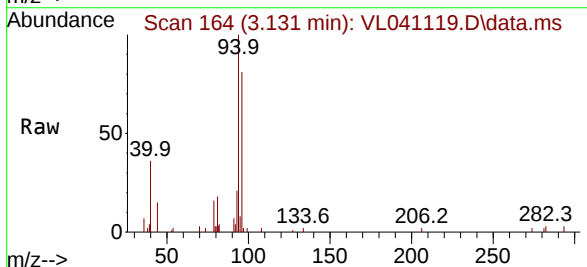
Manual Integrations
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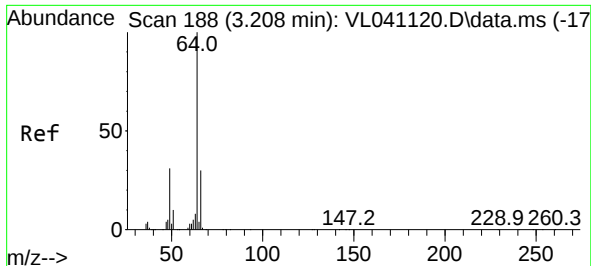
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024



#6
 Bromomethane
 Concen: 0.533 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. -0.000 min
 Lab File: VL041119.D
 Acq: 4 Apr 2024 8:46

Tgt Ion: 94 Resp: 15785
 Ion Ratio Lower Upper
 94 100
 96 79.5 77.9 116.9





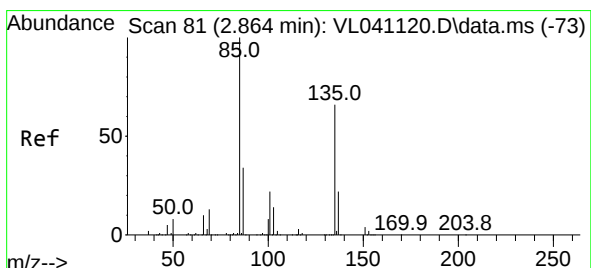
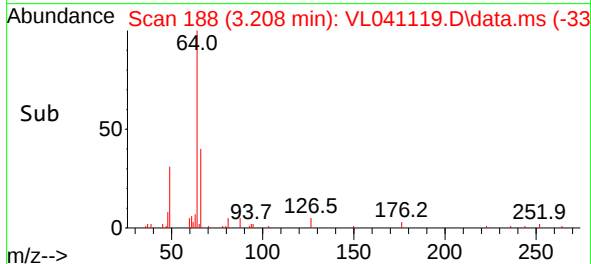
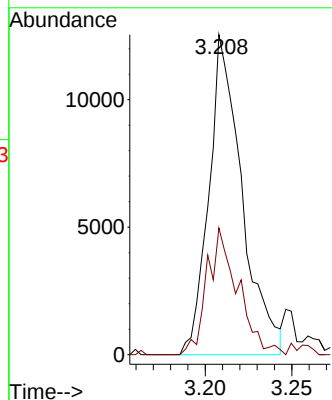
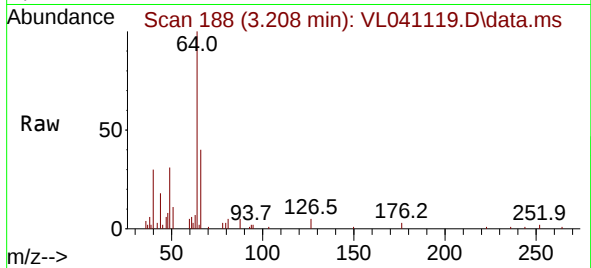
#7
Chloroethane
Concen: 0.587 ppbv
RT: 3.208 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 1664
Ion Ratio Lower Upper
64 100
66 39.6 24.2 36.4

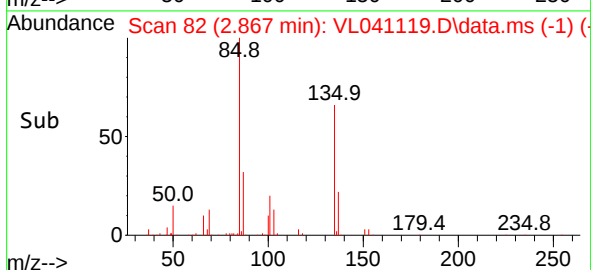
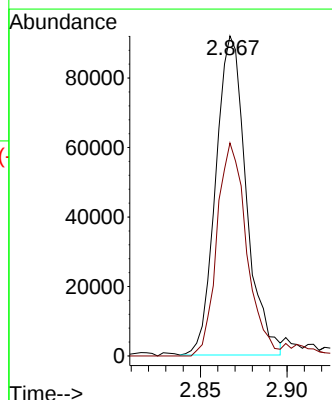
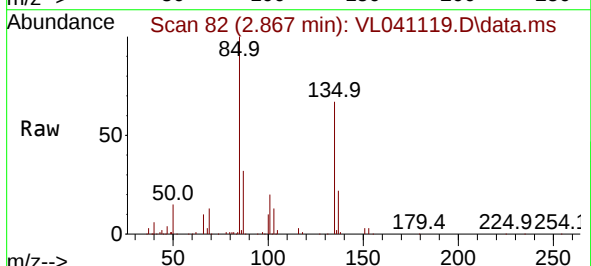
Manual Integrations
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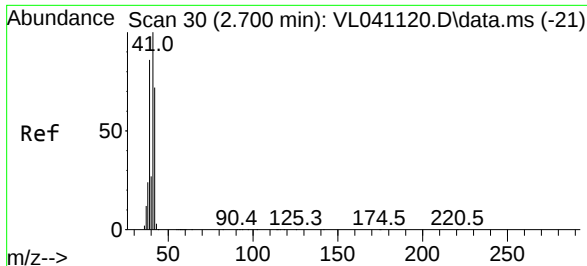
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#8
Dichlorotetrafluoroethane
Concen: 0.552 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.003 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

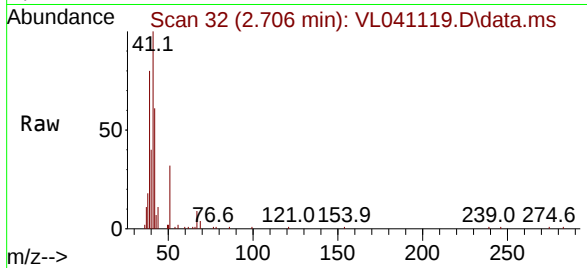
Tgt Ion: 85 Resp: 112682
Ion Ratio Lower Upper
85 100
135 69.7 54.2 81.2





#9
 Propene
 Concen: 0.484 ppbv
 RT: 2.706 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VL041119.D
 Acq: 4 Apr 2024 8:46

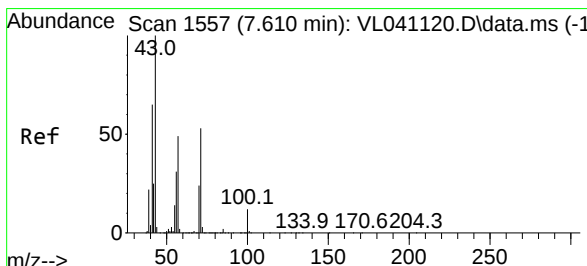
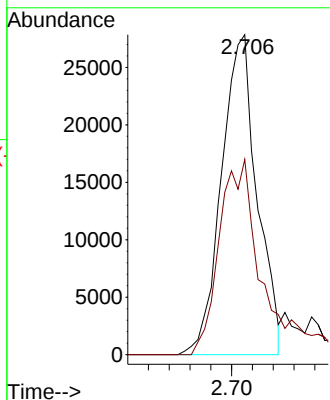
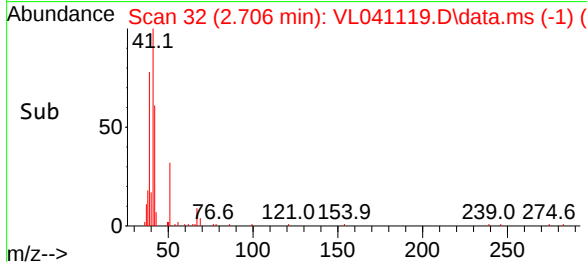
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



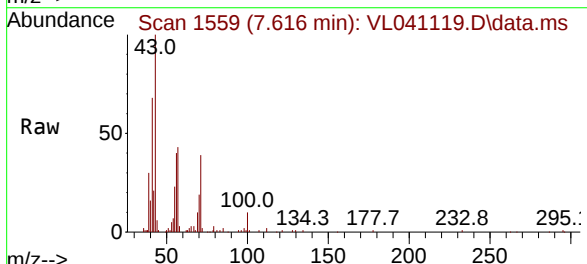
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 Ion Ratio Lower Upper
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 42 76.6 60.1 90.1

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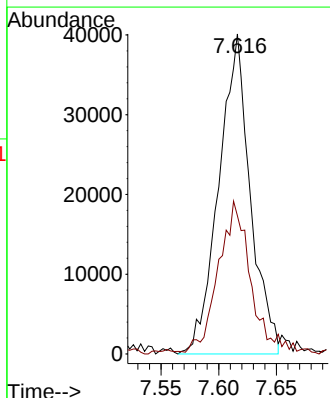
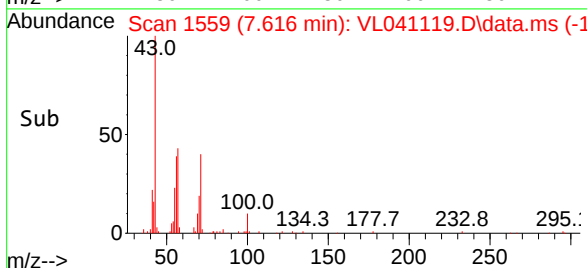
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

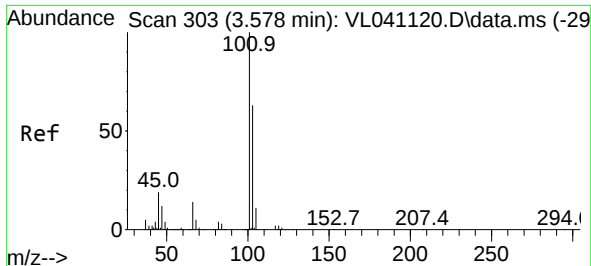


#10
 Heptane
 Concen: 0.468 ppbv
 RT: 7.616 min Scan# 1559
 Delta R.T. 0.006 min
 Lab File: VL041119.D
 Acq: 4 Apr 2024 8:46



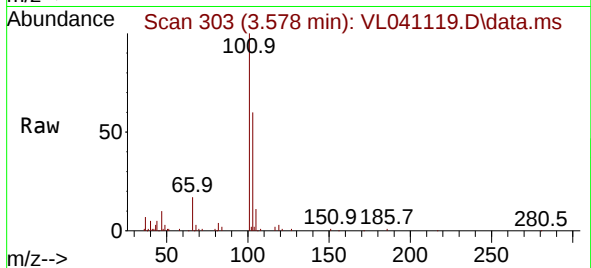
Tgt Ion: 43 Resp: 76092
 Ion Ratio Lower Upper
 43 100
 57 51.0 39.9 59.9





#11
Trichlorofluoromethane
Concen: 0.537 ppbv
RT: 3.578 min Scan# 303
Delta R.T. -0.000 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

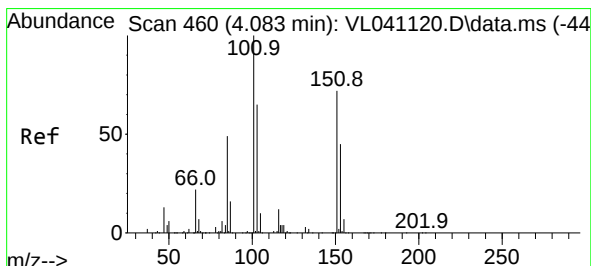
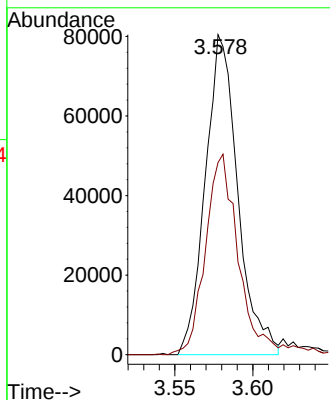
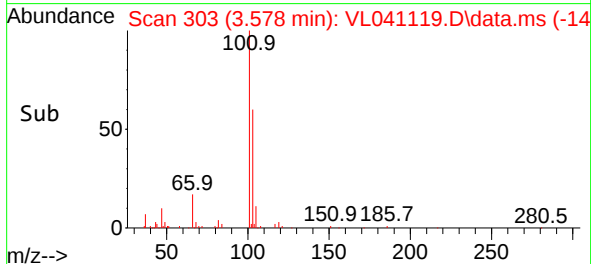
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



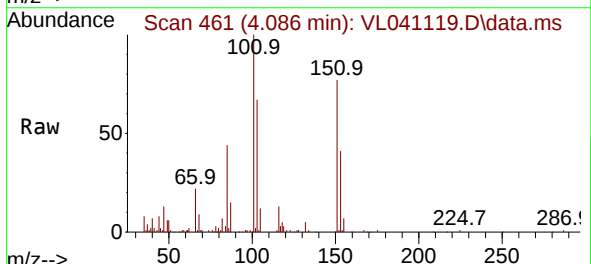
Tgt Ion:101 Resp: 116460
Ion Ratio Lower Upper
101 100
103 58.7 50.6 75.8

Manual Integrations
APPROVED

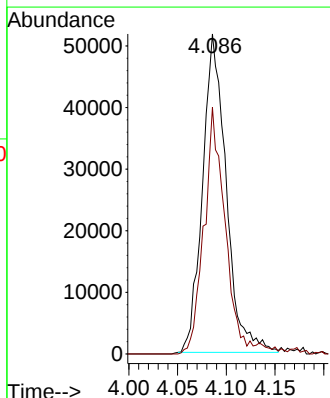
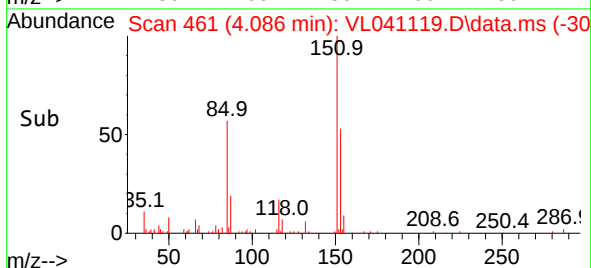
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

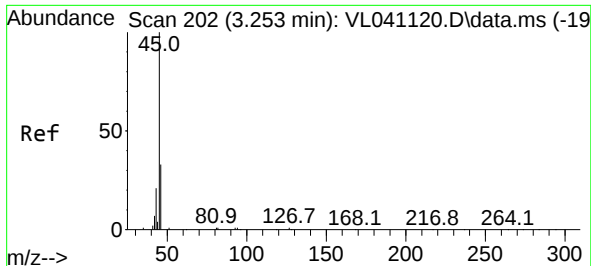


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.557 ppbv
RT: 4.086 min Scan# 461
Delta R.T. 0.003 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46



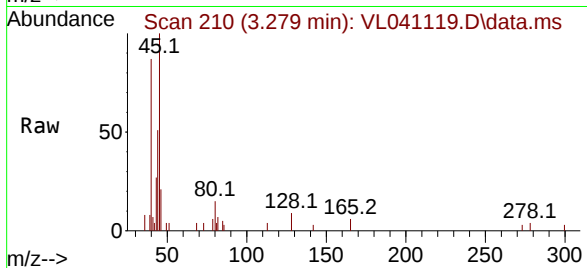
Tgt Ion:101 Resp: 87365
Ion Ratio Lower Upper
101 100
151 71.4 56.2 84.4





#13
Ethanol
Concen: 0.565 ppbv m
RT: 3.279 min Scan# 210
Delta R.T. 0.026 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

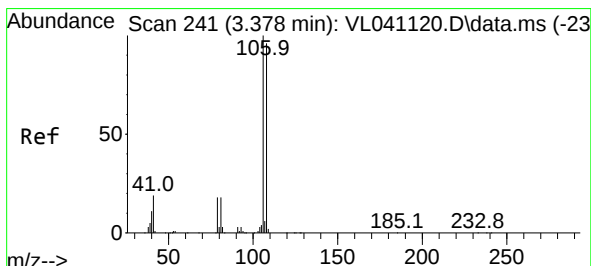
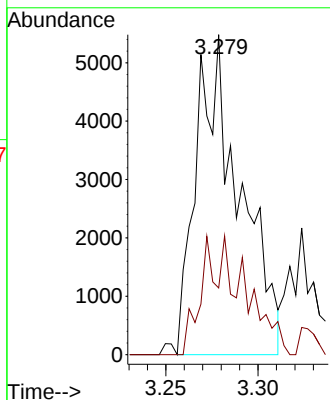
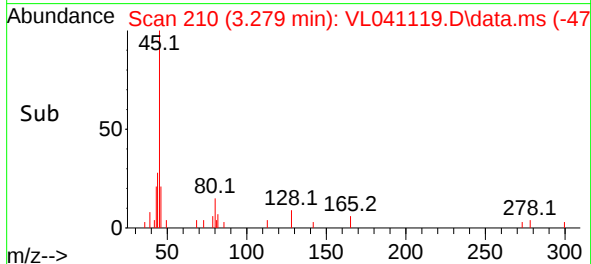
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



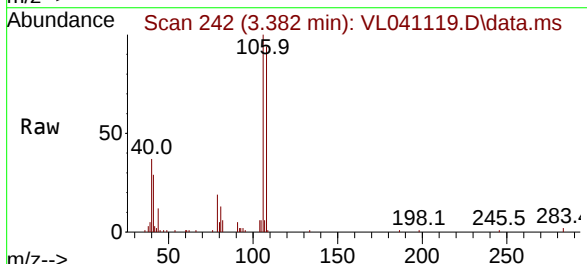
Tgt Ion: 45 Resp: 9019
Ion Ratio Lower Upper
45 100
46 1.3 15.0 59.8

Manual Integrations
APPROVED

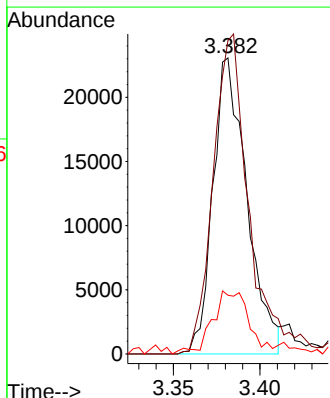
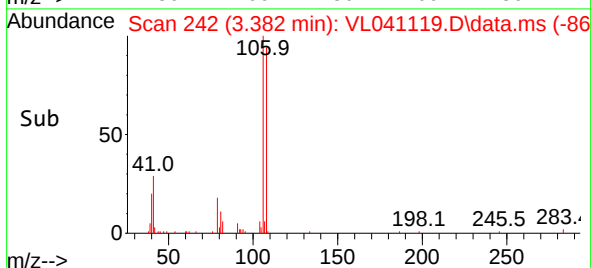
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

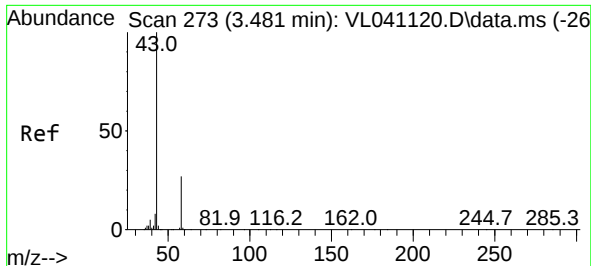


#14
Bromoethene
Concen: 0.510 ppbv
RT: 3.382 min Scan# 242
Delta R.T. 0.003 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46



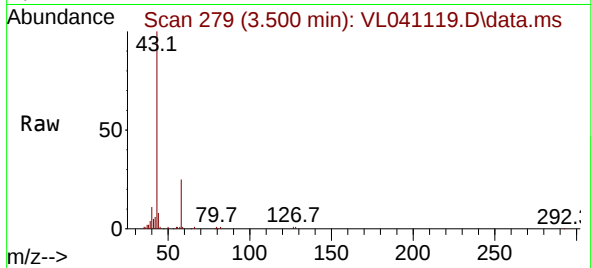
Tgt Ion:108 Resp: 31496
Ion Ratio Lower Upper
108 100
106 115.2 86.0 129.0
79 24.9 15.4 23.2





#15
Acetone
Concen: 0.543 ppbv
RT: 3.500 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

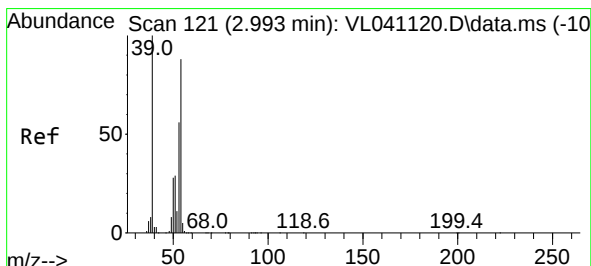
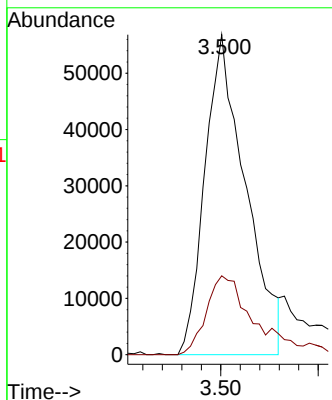
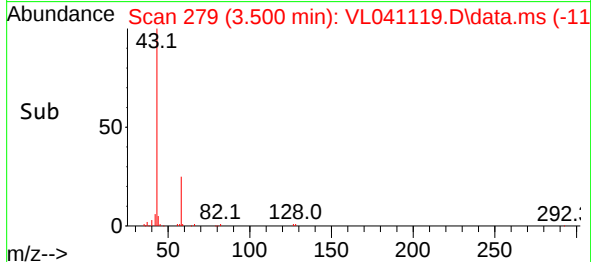
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



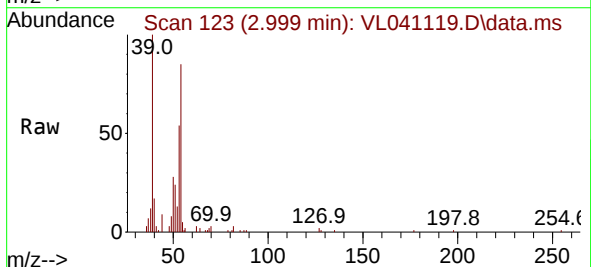
Tgt Ion: 43 Resp: 82162
Ion Ratio Lower Upper
43 100
58 31.2 21.1 31.7

Manual Integrations
APPROVED

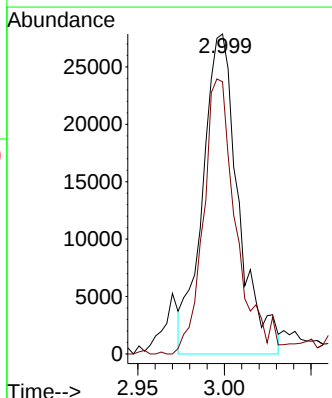
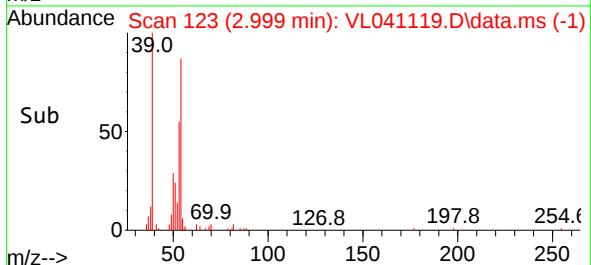
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

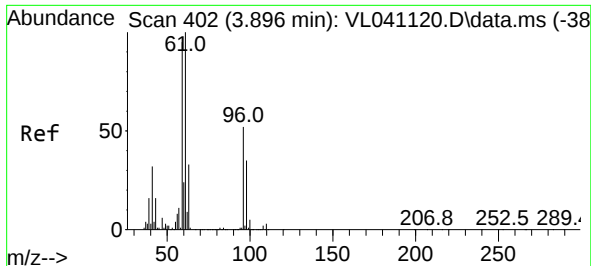


#16
1,3-Butadiene
Concen: 0.543 ppbv m
RT: 2.999 min Scan# 123
Delta R.T. 0.006 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46



Tgt Ion: 39 Resp: 40315
Ion Ratio Lower Upper
39 100
54 79.2 63.5 95.3





#17

tert-Butyl alcohol

Concen: 0.510 ppbv

RT: 3.915 min Scan# 408

Delta R.T. 0.019 min

Lab File: VL041119.D

Acq: 4 Apr 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 59 Resp: 7005

Ion Ratio Lower Upper

59 100

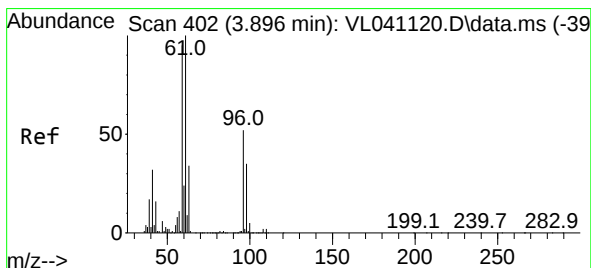
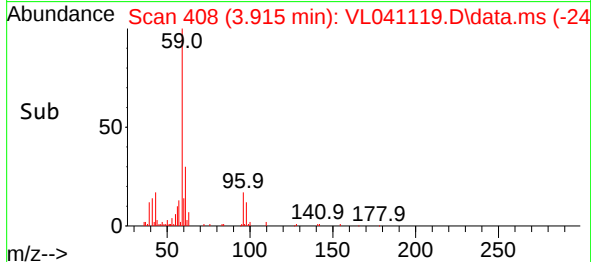
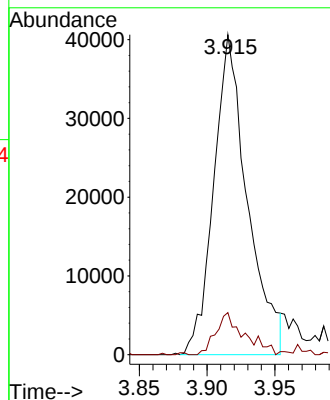
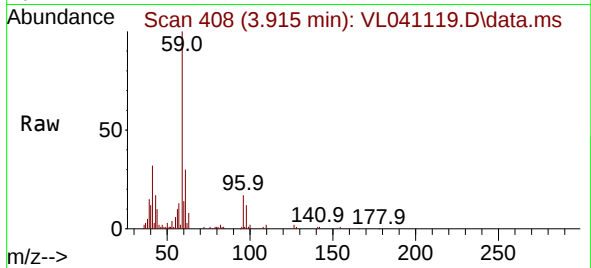
57 12.5 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#18

1,1-Dichloroethene

Concen: 0.527 ppbv m

RT: 3.902 min Scan# 404

Delta R.T. 0.006 min

Lab File: VL041119.D

Acq: 4 Apr 2024 8:46

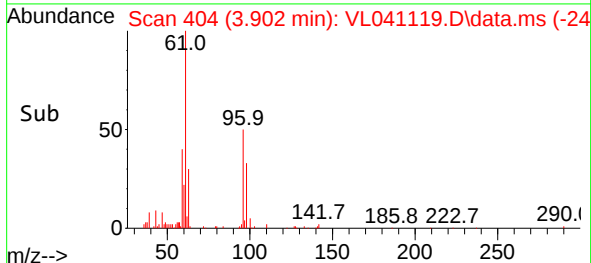
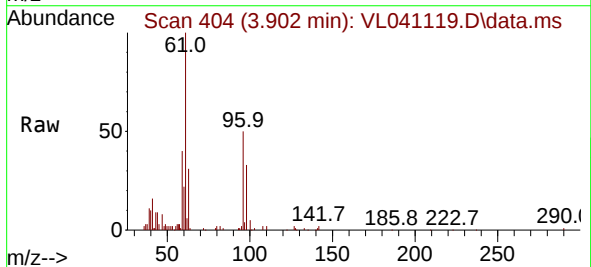
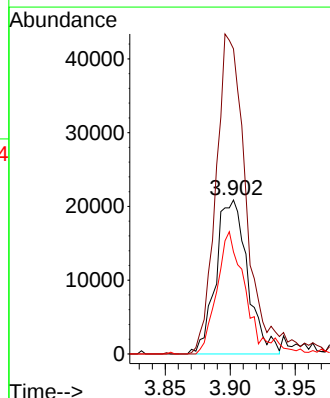
Tgt Ion: 96 Resp: 35326

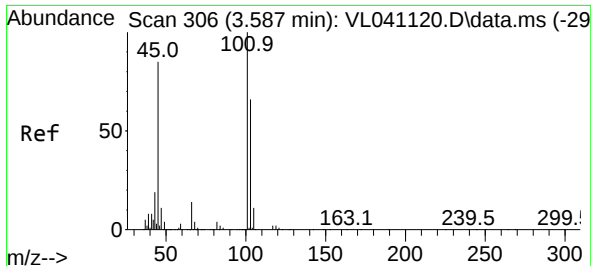
Ion Ratio Lower Upper

96 100

61 198.3 152.6 228.8

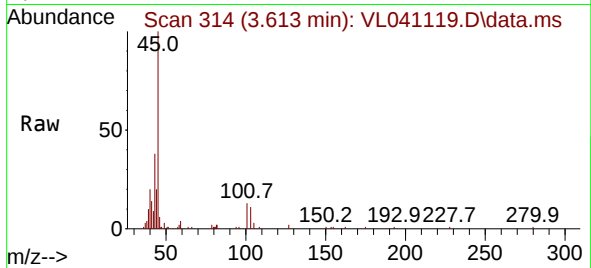
98 66.4 54.0 81.0





#19
Isopropyl Alcohol
Concen: 0.530 ppbv m
RT: 3.613 min Scan# 314
Delta R.T. 0.026 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

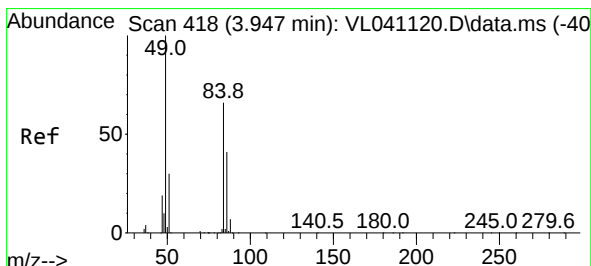
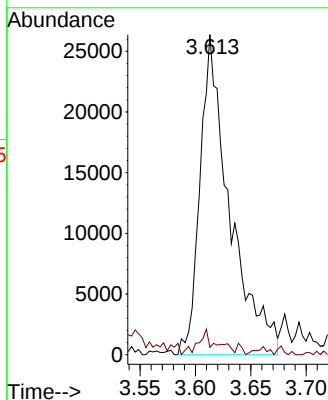
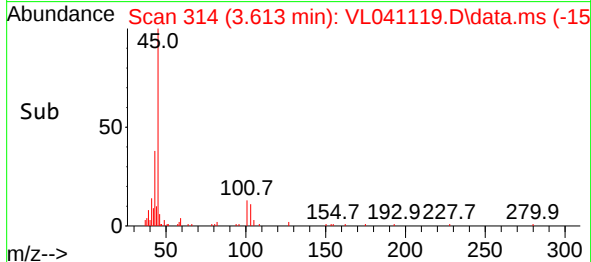
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 45 Resp: 49300
Ion Ratio Lower Upper
45 100
58 5.4 2.8 4.2

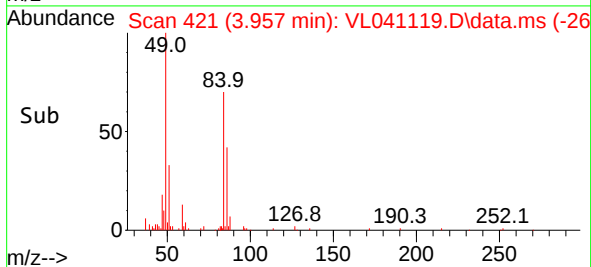
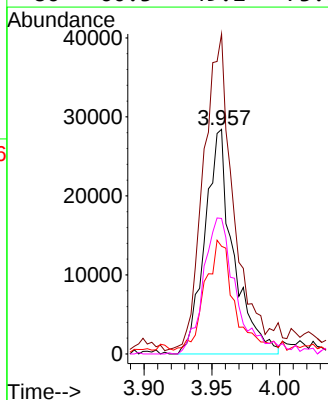
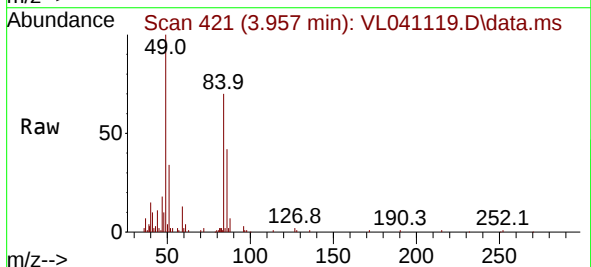
Manual Integrations
APPROVED

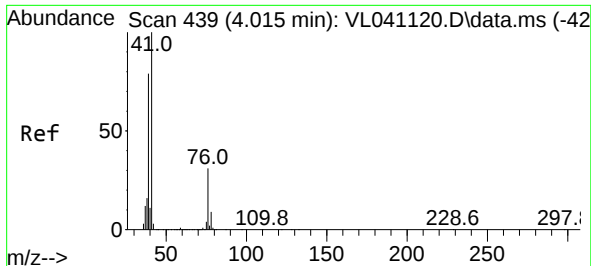
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#20
Methylene Chloride
Concen: 0.661 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.010 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

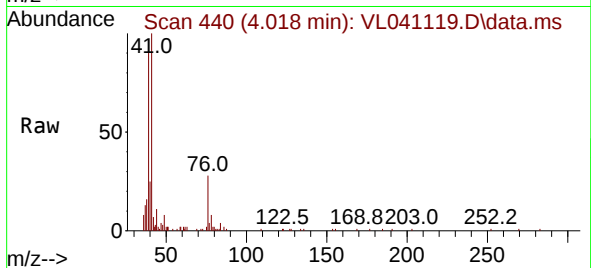
Tgt Ion: 84 Resp: 41263
Ion Ratio Lower Upper
84 100
49 137.1 120.7 181.1
51 45.3 36.6 54.8
86 60.3 49.2 73.8





#21
 Allyl Chloride
 Concen: 0.484 ppbv
 RT: 4.018 min Scan# 441
 Delta R.T. 0.003 min
 Lab File: VL041119.D
 Acq: 4 Apr 2024 8:46

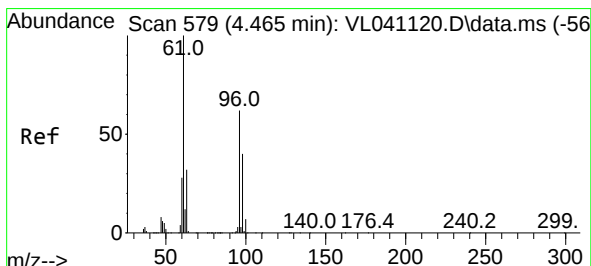
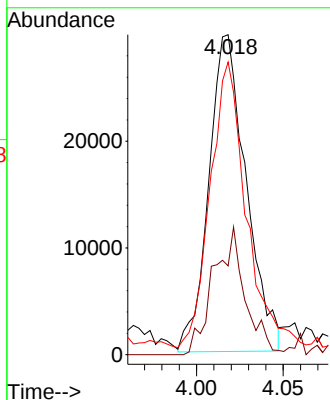
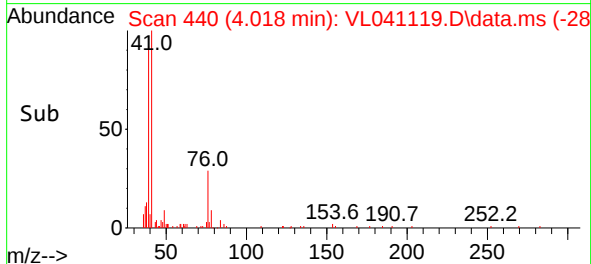
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



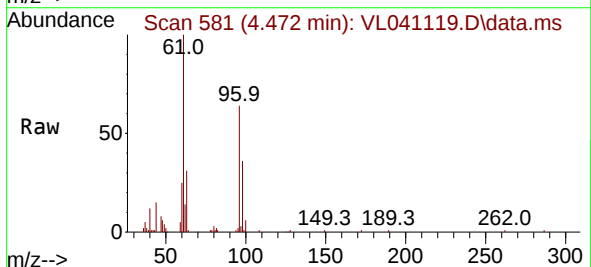
Tgt Ion: 41 Resp: 44615
 Ion Ratio Lower Upper
 41 100
 76 36.1 25.7 38.5
 39 92.5 65.7 98.5

Manual Integrations
 APPROVED

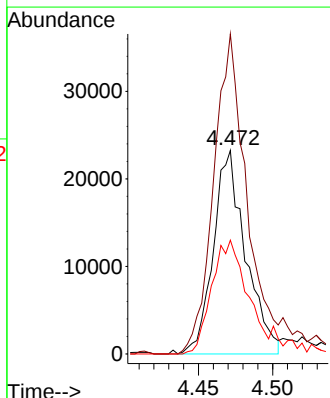
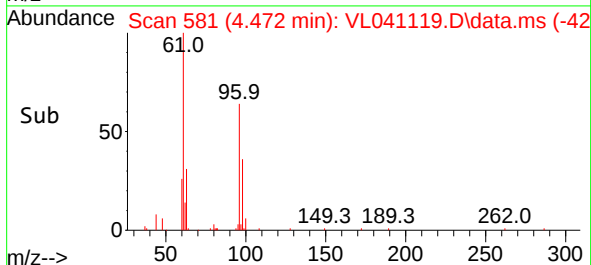
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

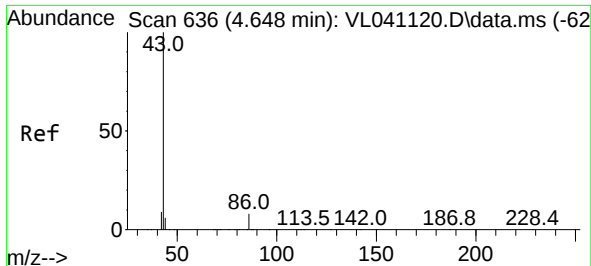


#22
 trans-1,2-Dichloroethene
 Concen: 0.504 ppbv
 RT: 4.472 min Scan# 581
 Delta R.T. 0.006 min
 Lab File: VL041119.D
 Acq: 4 Apr 2024 8:46



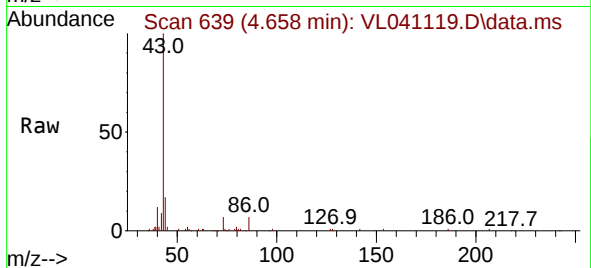
Tgt Ion: 96 Resp: 35189
 Ion Ratio Lower Upper
 96 100
 61 157.2 128.4 192.6
 98 55.9 51.5 77.3





#23
 Vinyl Acetate
 Concen: 0.462 ppbv
 RT: 4.658 min Scan# 616
 Delta R.T. 0.010 min
 Lab File: VL041119.D
 Acq: 4 Apr 2024 8:46

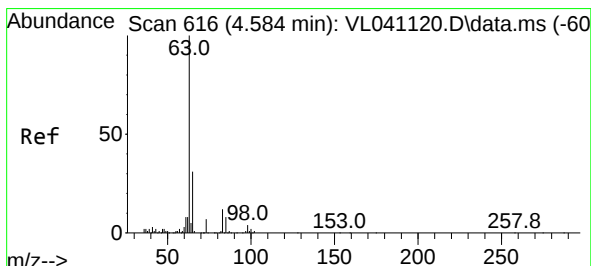
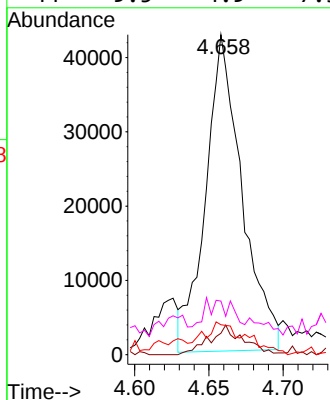
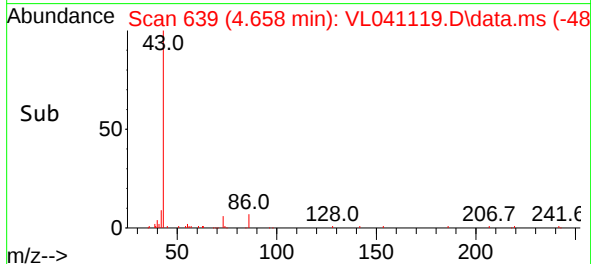
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



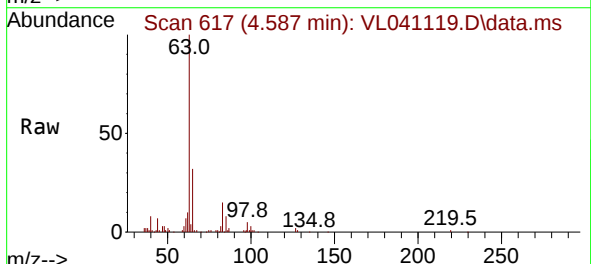
Tgt Ion: 43 Resp: 72572
 Ion Ratio Lower Upper
 43 100
 86 7.4 6.2 9.4
 42 8.9 7.7 11.5
 44 9.5 4.9 7.3#

Manual Integrations
 APPROVED

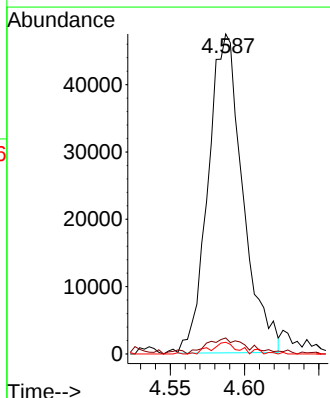
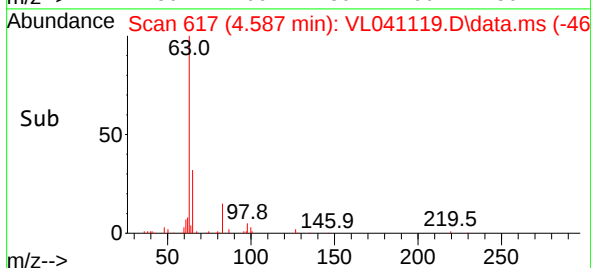
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

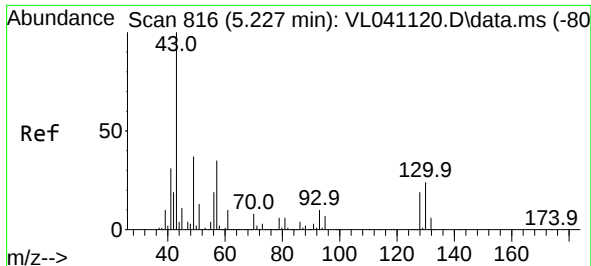


#24
 1,1-Dichloroethane
 Concen: 0.547 ppbv
 RT: 4.587 min Scan# 617
 Delta R.T. 0.003 min
 Lab File: VL041119.D
 Acq: 4 Apr 2024 8:46



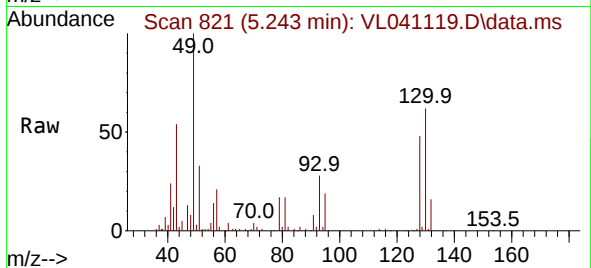
Tgt Ion: 63 Resp: 76901
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.1 6.3
 100 3.7 1.1 3.3#





#25
Ethyl Acetate
Concen: 0.509 ppbv
RT: 5.243 min Scan# 816
Delta R.T. 0.016 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

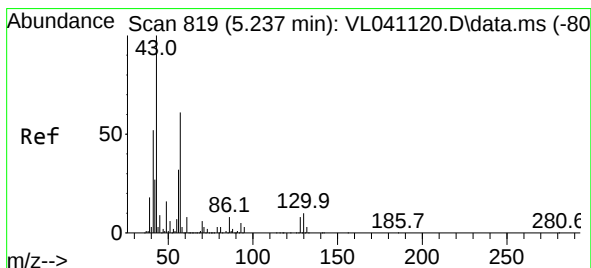
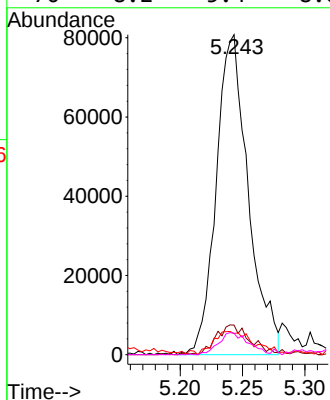
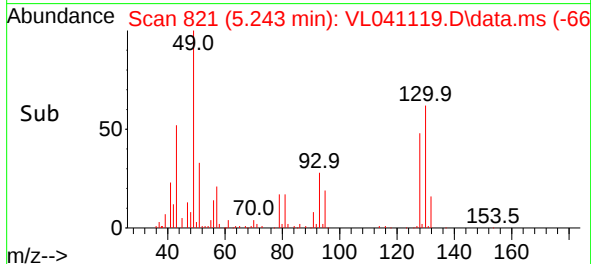
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 14457
Ion Ratio Lower Upper
43 100
45 10.6 8.0 12.0
61 10.5 7.8 11.6
70 8.2 5.4 8.0#

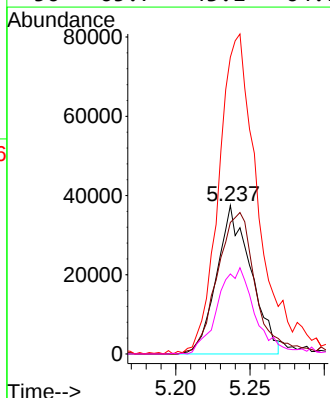
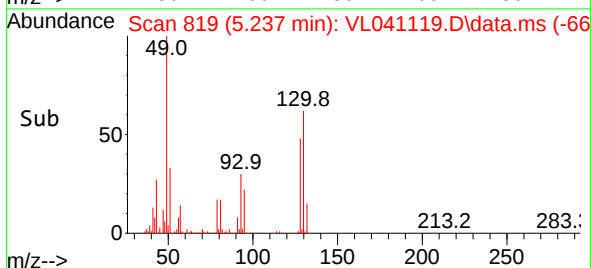
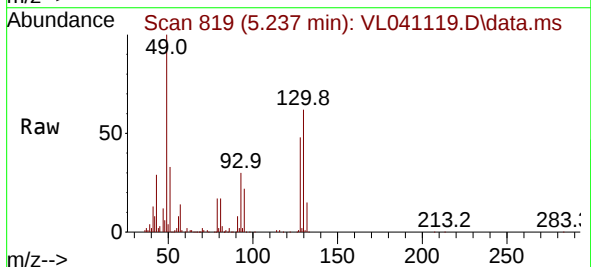
Manual Integrations
APPROVED

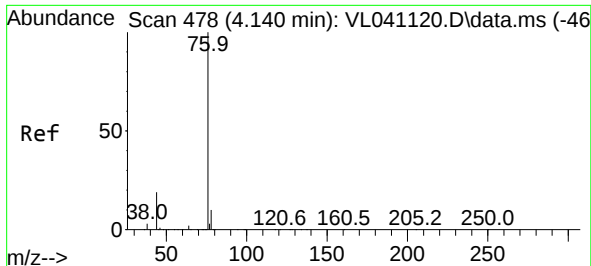
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#26
Hexane
Concen: 0.472 ppbv
RT: 5.237 min Scan# 819
Delta R.T. -0.000 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Tgt Ion: 57 Resp: 60228
Ion Ratio Lower Upper
57 100
41 106.6 73.8 110.8
43 263.9 186.2 279.2
56 65.7 43.1 64.7#





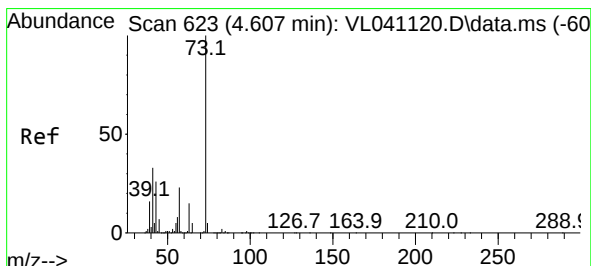
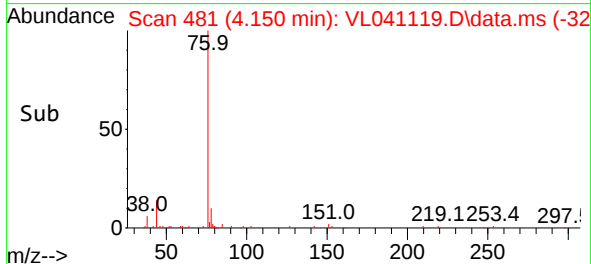
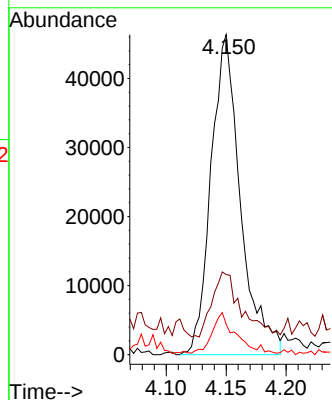
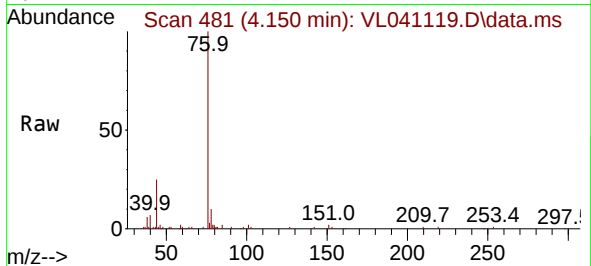
#27
Carbon Disulfide
Concen: 0.511 ppbv
RT: 4.150 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 76 Resp: 7916
Ion Ratio Lower Upper
76 100
44 18.1 16.3 24.5
78 11.6 7.9 11.9

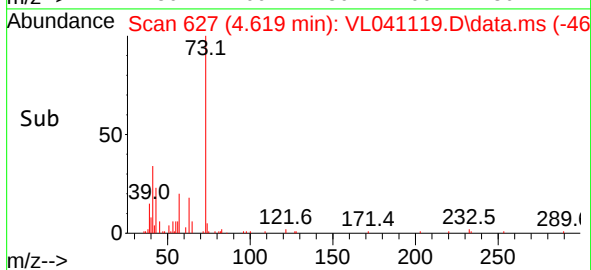
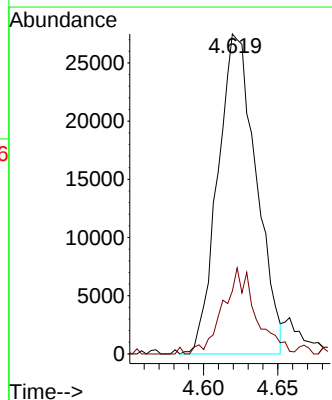
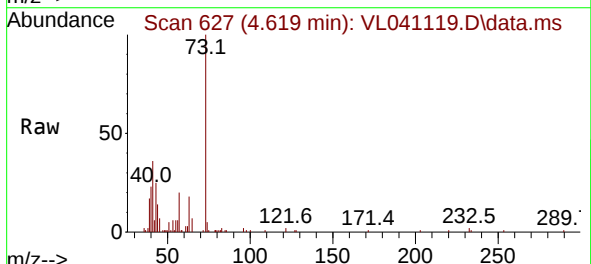
Manual Integrations
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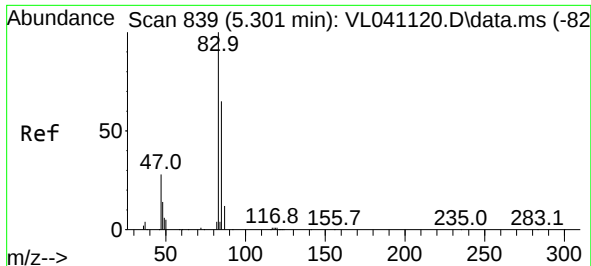
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#28
Methyl tert-Butyl Ether
Concen: 0.514 ppbv
RT: 4.619 min Scan# 627
Delta R.T. 0.013 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Tgt Ion: 73 Resp: 49487
Ion Ratio Lower Upper
73 100
57 24.5 18.6 27.8





#29

Chloroform

Concen: 0.533 ppbv

RT: 5.304 min Scan# 84

Delta R.T. 0.003 min

Lab File: VL041119.D

Acq: 4 Apr 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 83 Resp: 114610

Ion Ratio Lower Upper

83 100

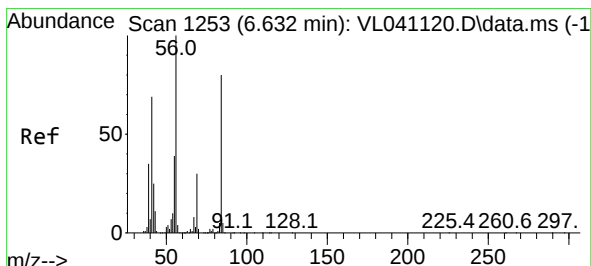
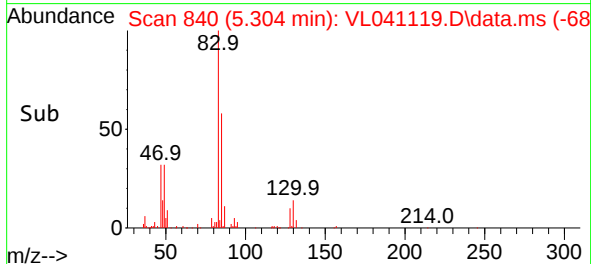
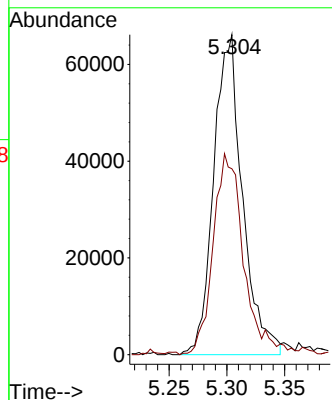
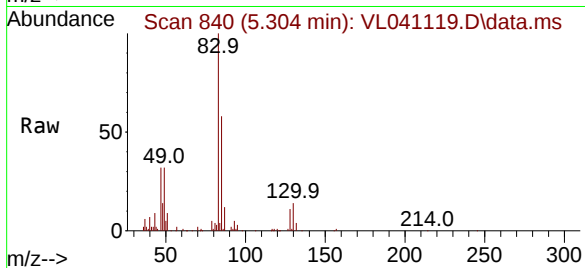
85 58.1 51.5 77.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#30

Cyclohexane

Concen: 0.554 ppbv m

RT: 6.635 min Scan# 1254

Delta R.T. 0.003 min

Lab File: VL041119.D

Acq: 4 Apr 2024 8:46

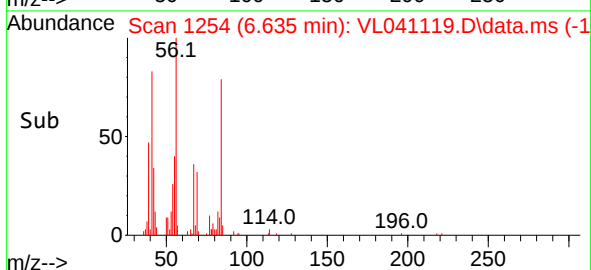
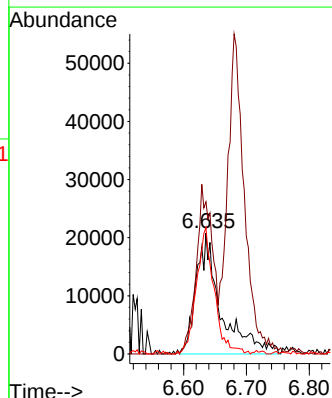
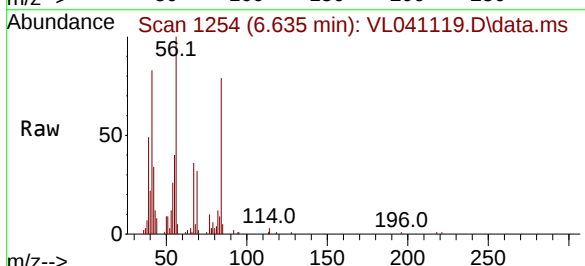
Tgt Ion: 84 Resp: 56784

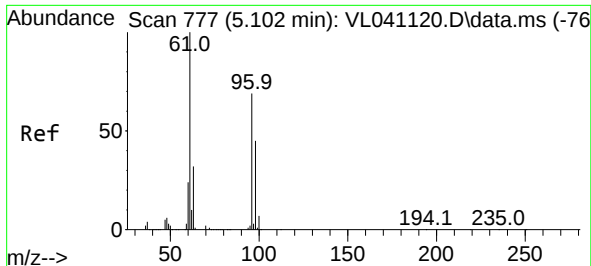
Ion Ratio Lower Upper

84 100

56 100.3 111.9 167.9#

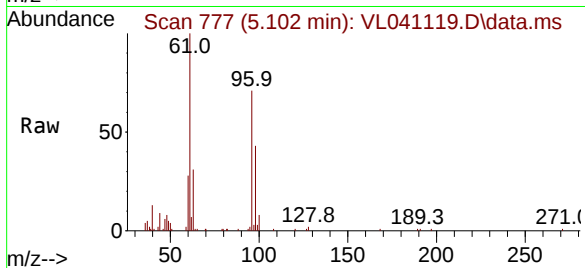
41 0.0 71.0 106.6#





#31
 cis-1,2-Dichloroethene
 Concen: 0.474 ppbv m
 RT: 5.102 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VL041119.D
 Acq: 4 Apr 2024 8:46

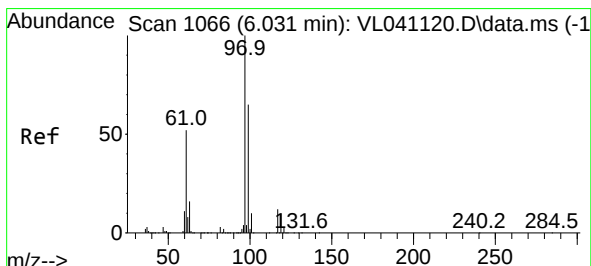
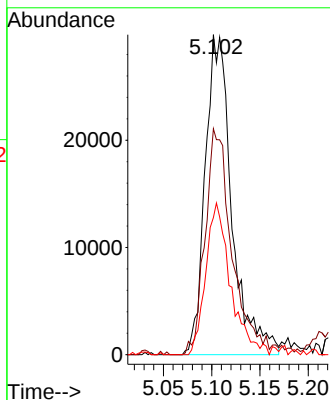
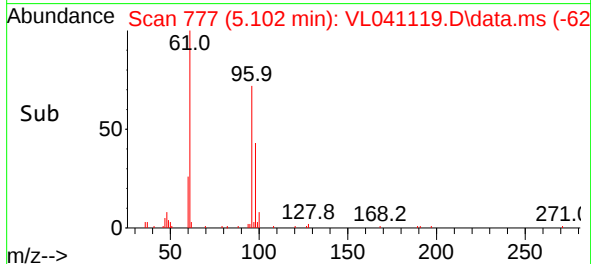
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5



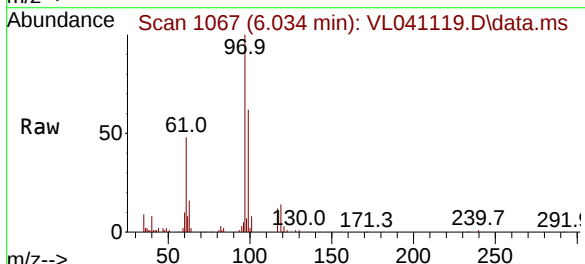
Tgt Ion: 61 Resp: 57219
 Ion Ratio Lower Upper
 61 100
 96 70.6 54.9 82.3
 98 42.9 35.9 53.9

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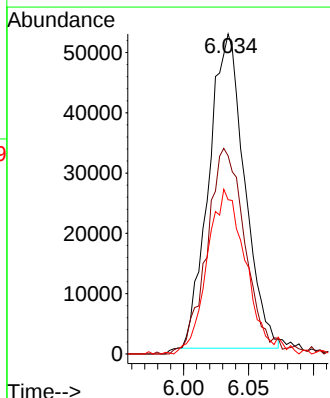
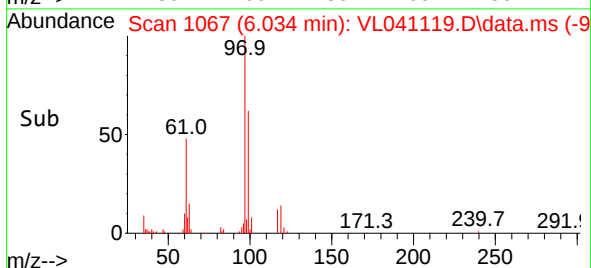
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

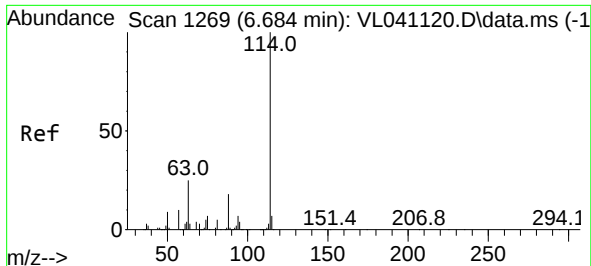


#32
 1,1,1-Trichloroethane
 Concen: 0.503 ppbv
 RT: 6.034 min Scan# 1067
 Delta R.T. 0.003 min
 Lab File: VL041119.D
 Acq: 4 Apr 2024 8:46



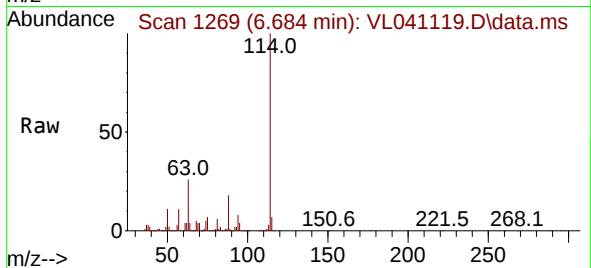
Tgt Ion: 97 Resp: 99881
 Ion Ratio Lower Upper
 97 100
 99 71.4 52.0 78.0
 61 57.0 40.5 60.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.684 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

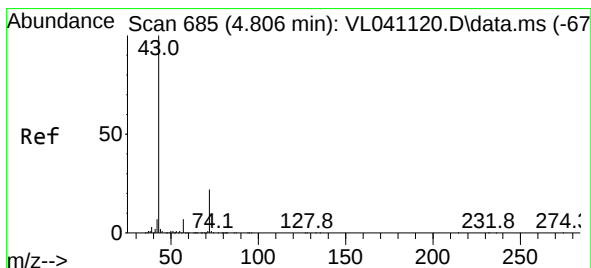
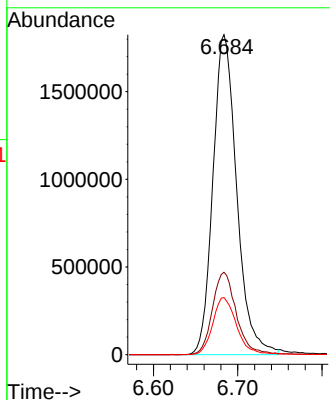
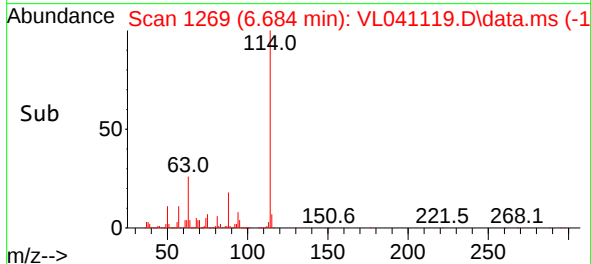
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



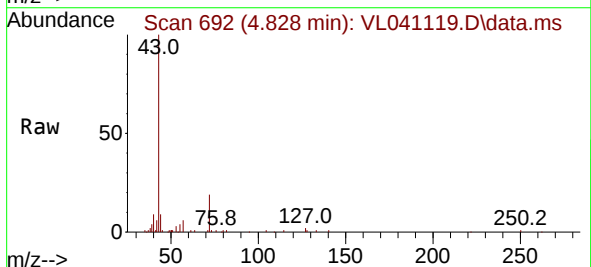
Tgt Ion:114 Resp: 357686
Ion Ratio Lower Upper
114 100
63 26.2 20.9 31.3
88 18.1 14.5 21.7

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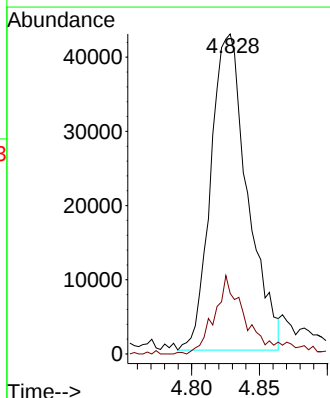
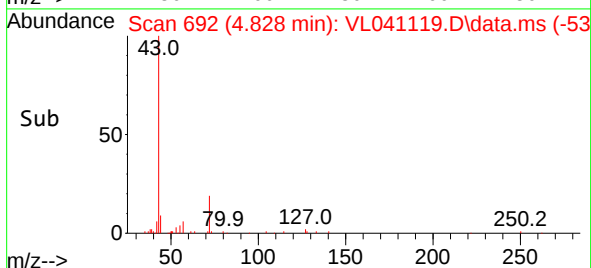
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

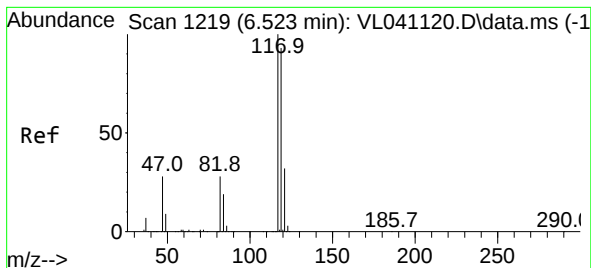


#34
2-Butanone
Concen: 0.521 ppbv
RT: 4.828 min Scan# 692
Delta R.T. 0.022 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46



Tgt Ion: 43 Resp: 80499
Ion Ratio Lower Upper
43 100
72 23.3 17.6 26.4





#35

Carbon Tetrachloride

Concen: 0.518 ppbv

RT: 6.520 min Scan# 1118

Delta R.T. -0.003 min

Lab File: VL041119.D

Acq: 4 Apr 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

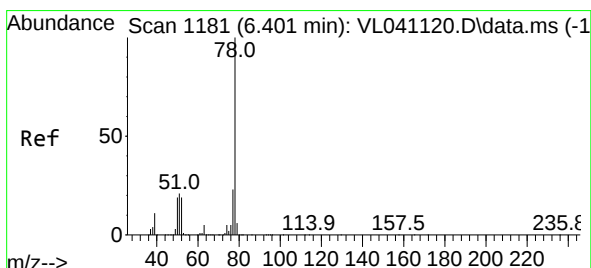
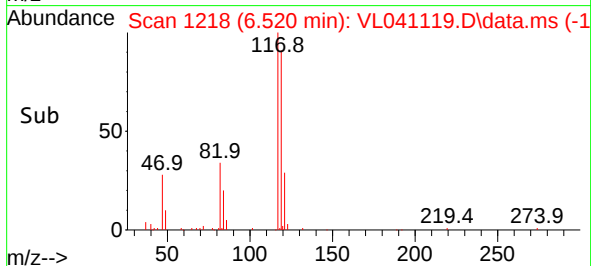
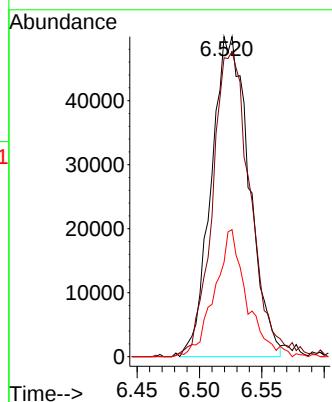
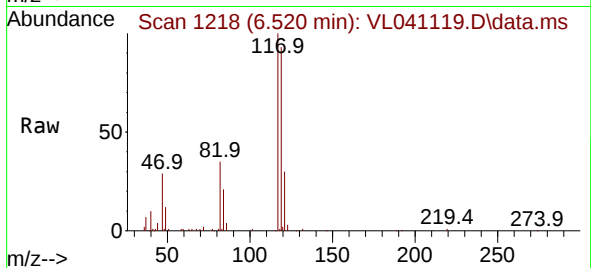
VSTDIC0.5

Tgt Ion:	117	Resp:	10581
Ion	Ratio	Lower	Upper
117	100		
119	92.1	74.2	111.4
121	28.5	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: 0.474 ppbv

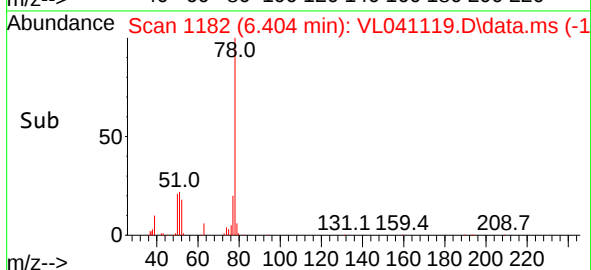
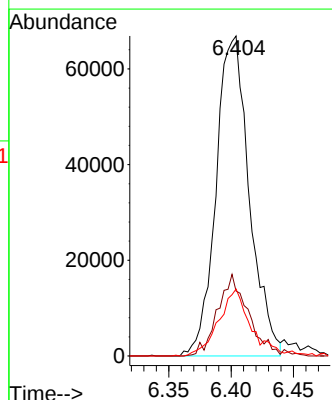
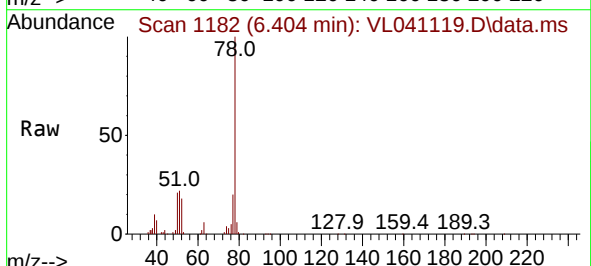
RT: 6.404 min Scan# 1182

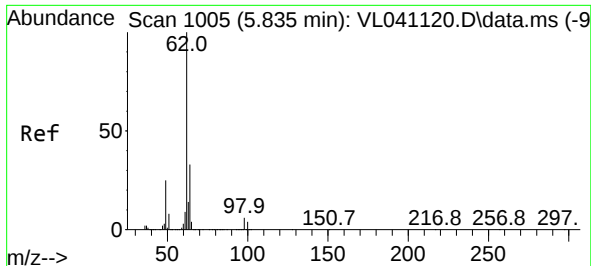
Delta R.T. 0.003 min

Lab File: VL041119.D

Acq: 4 Apr 2024 8:46

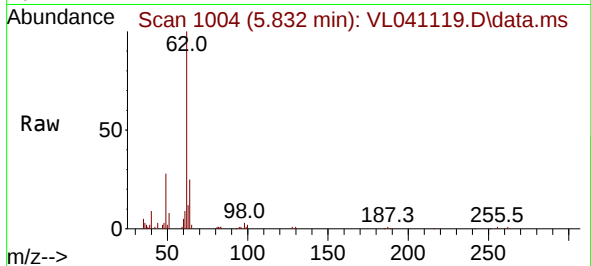
Tgt Ion:	78	Resp:	124334
Ion	Ratio	Lower	Upper
78	100		
77	20.3	18.2	27.4
50	20.9	15.4	23.2





#37
1,2-Dichloroethane
Concen: 0.528 ppbv
RT: 5.832 min Scan# 1005
Delta R.T. -0.003 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

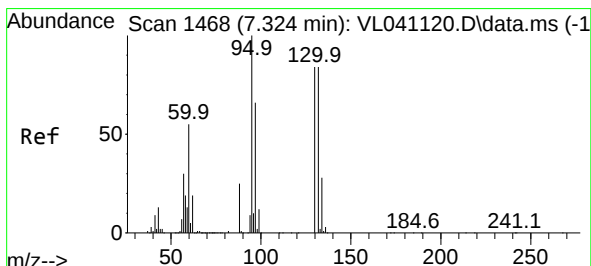
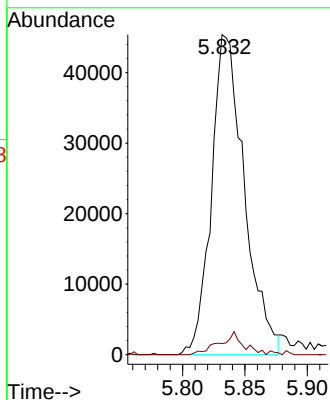
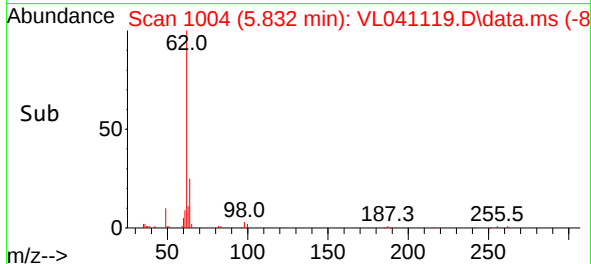
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 62 Resp: 83240
Ion Ratio Lower Upper
62 100
98 5.6 4.6 7.0

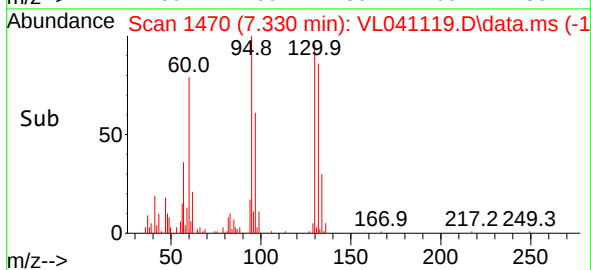
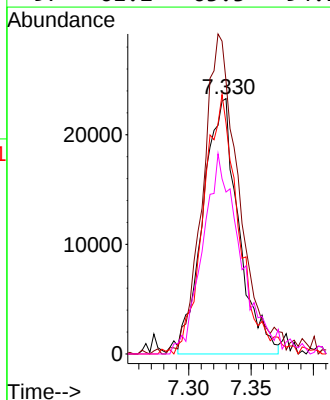
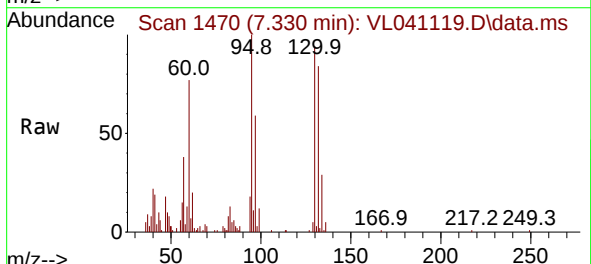
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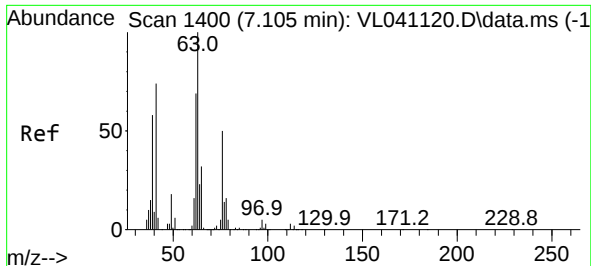
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#38
Trichloroethene
Concen: 0.485 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Tgt Ion:130 Resp: 46228
Ion Ratio Lower Upper
130 100
95 108.2 95.4 143.0
132 91.3 80.0 120.0
97 61.2 63.3 94.9#





#39

1,2-Dichloropropane

Concen: 0.524 ppbv m

RT: 7.102 min Scan# 1400

Delta R.T. -0.003 min

Lab File: VL041119.D

Acq: 4 Apr 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

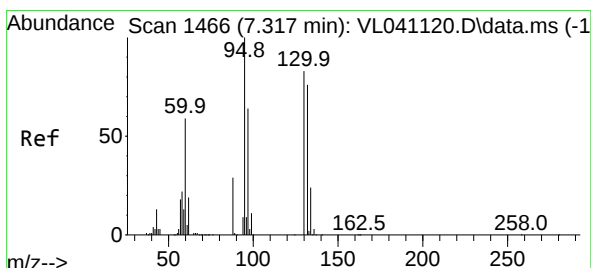
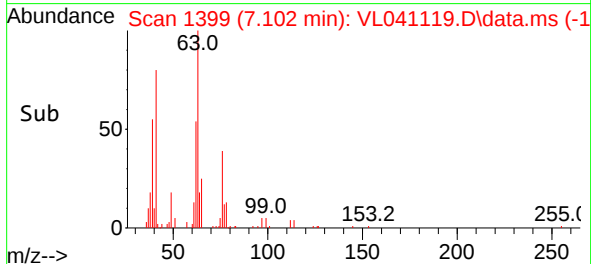
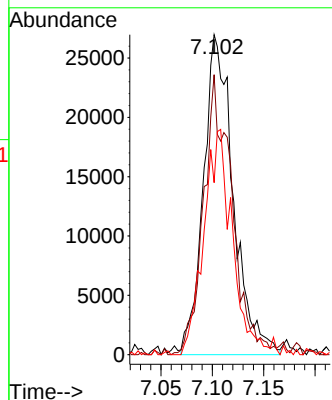
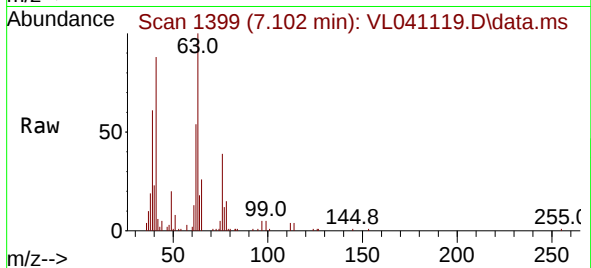
VSTDIC0.5

Tgt Ion: 63	Resp: 5453
Ion Ratio	Lower Upper
63	100
41	87.5 58.7 88.1
62	53.8 55.5 83.3

Manual Integrations

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



#40

1,4-Dioxane

Concen: 0.476 ppbv m

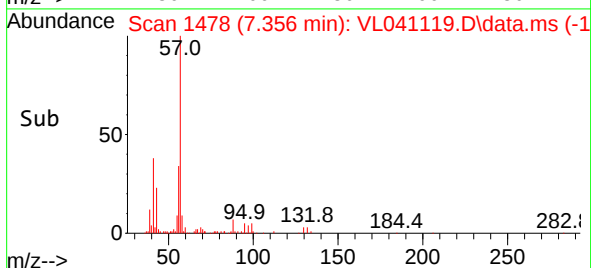
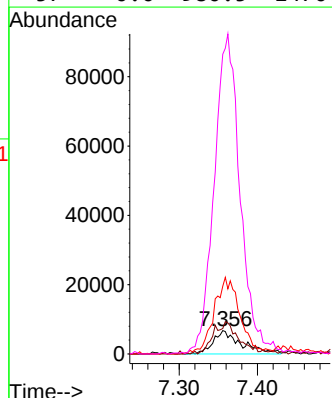
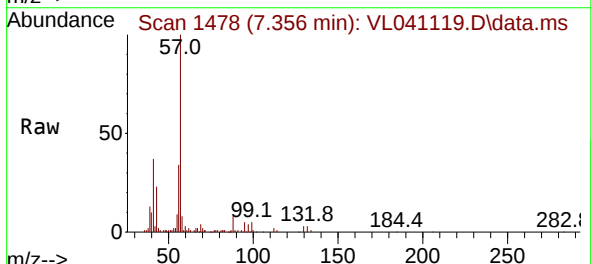
RT: 7.356 min Scan# 1478

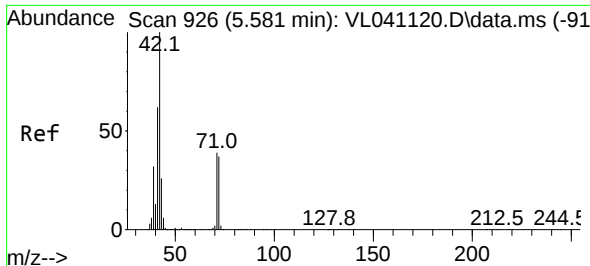
Delta R.T. 0.038 min

Lab File: VL041119.D

Acq: 4 Apr 2024 8:46

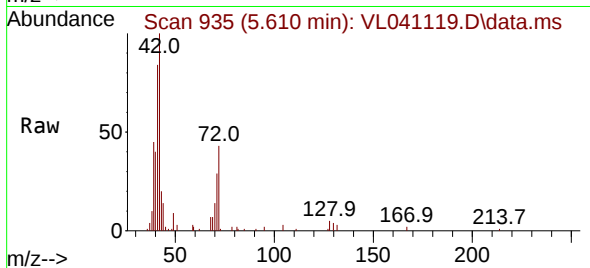
Tgt Ion: 88	Resp: 17009
Ion Ratio	Lower Upper
88	100
58	0.0 107.8 161.6#
43	0.0 223.8 335.6#
57	0.0 980.5 1470.7#





#41
Tetrahydrofuran
Concen: 0.472 ppbv m
RT: 5.610 min Scan# 91
Delta R.T. 0.029 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

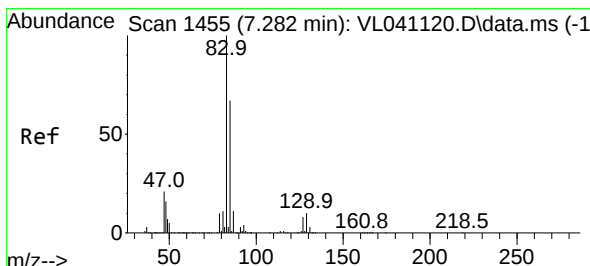
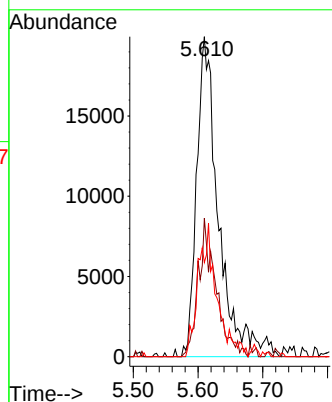
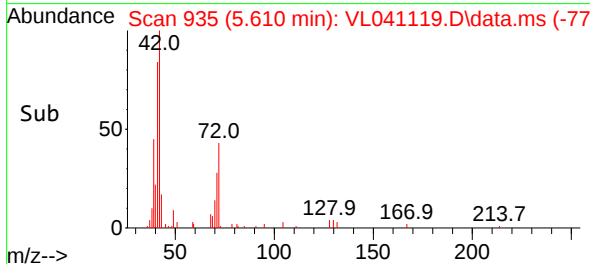
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 42 Resp: 4665
Ion Ratio Lower Upper
42 100
72 36.6 31.2 46.8
71 0.0 29.9 44.9

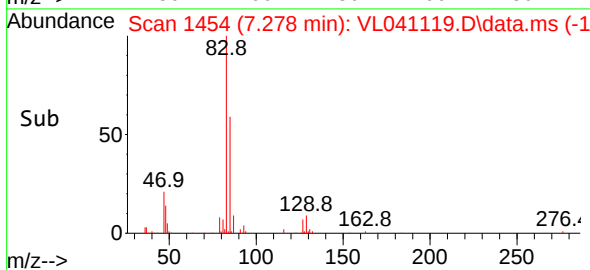
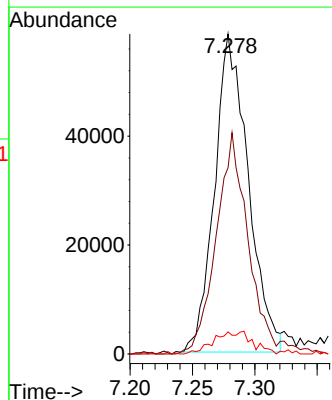
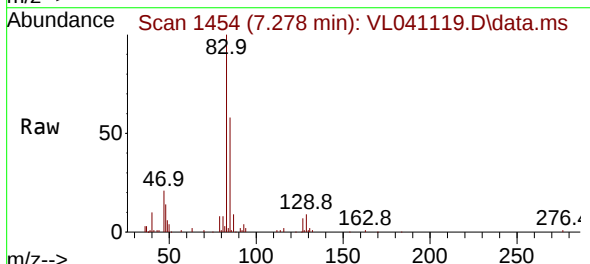
Manual Integrations
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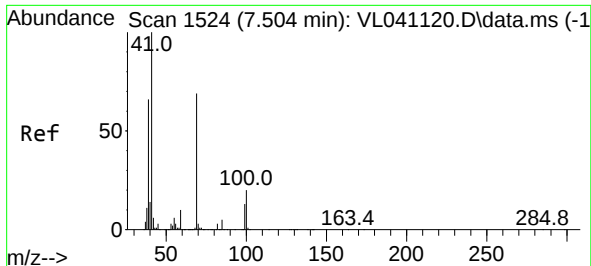
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#42
Bromodichloromethane
Concen: 0.487 ppbv
RT: 7.278 min Scan# 1454
Delta R.T. -0.003 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Tgt Ion: 83 Resp: 109738
Ion Ratio Lower Upper
83 100
85 59.0 53.5 80.3
127 8.0 6.2 9.4





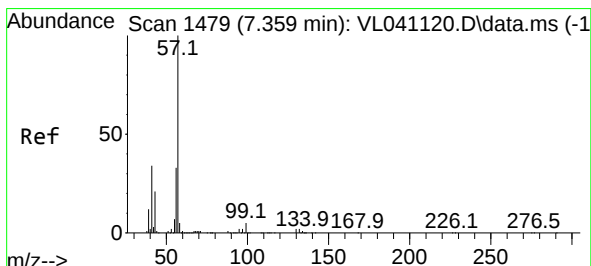
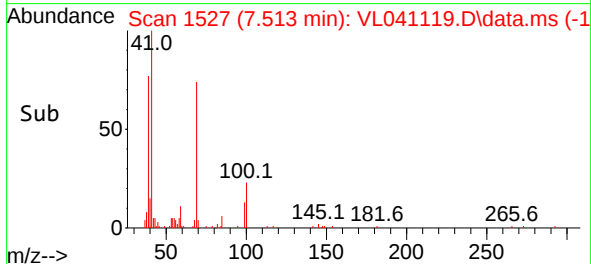
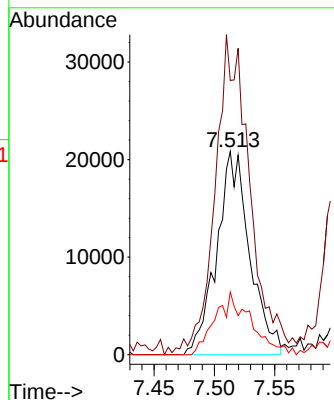
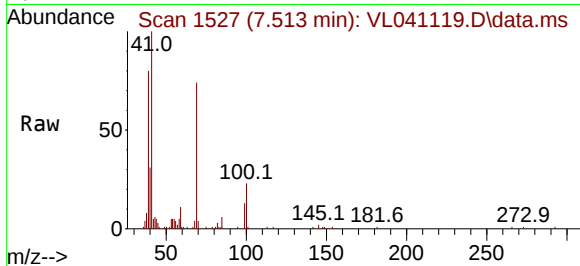
#43
Methyl Methacrylate
Concen: 0.437 ppbv m
RT: 7.513 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 39840
Ion Ratio Lower Upper
69 100
41 0.0 119.2 178.8
100 0.0 24.6 37.0

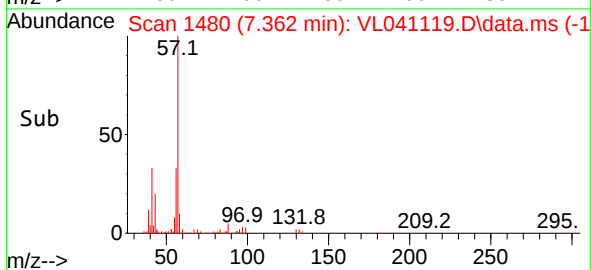
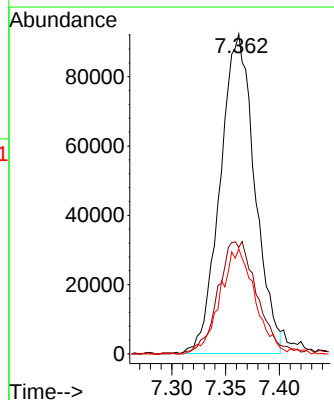
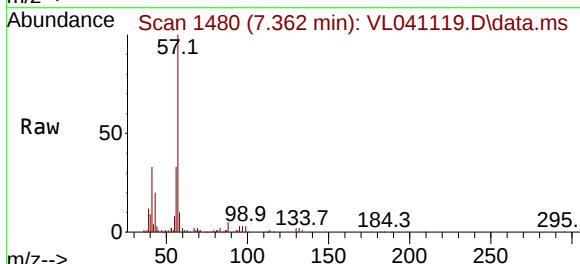
Manual Integrations
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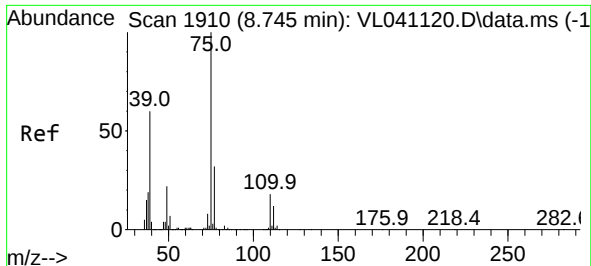
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#44
2,2,4-Trimethylpentane
Concen: 0.475 ppbv
RT: 7.362 min Scan# 1480
Delta R.T. 0.003 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Tgt Ion: 57 Resp: 206574
Ion Ratio Lower Upper
57 100
41 40.4 28.2 42.2
56 34.1 25.2 37.8





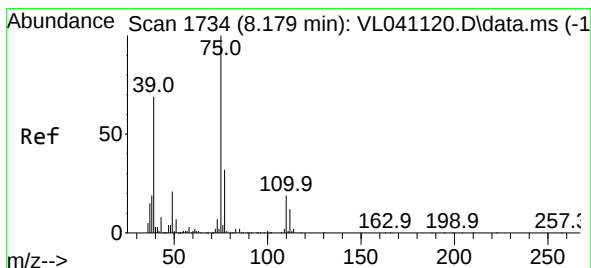
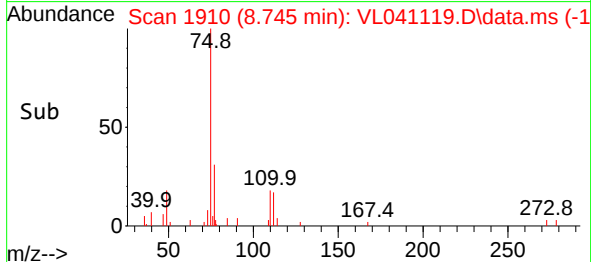
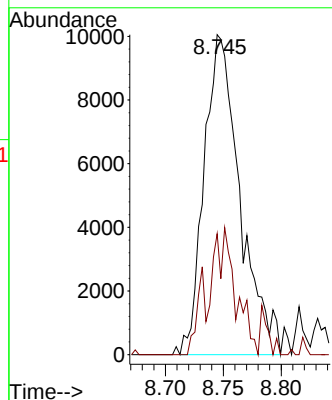
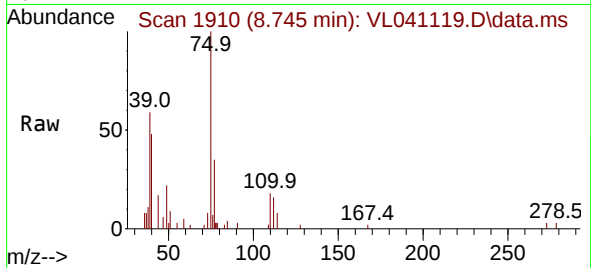
#45
t-1,3-Dichloropropene
Concen: 0.369 ppbv m
RT: 8.745 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 2168
Ion Ratio Lower Upper
75 100
77 34.6 25.4 38.2

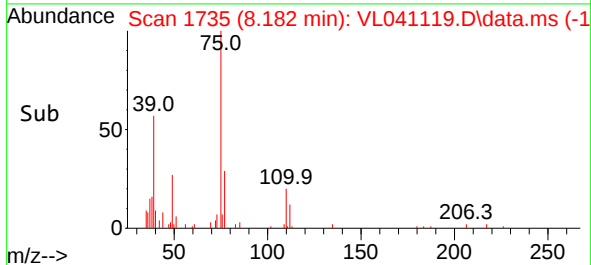
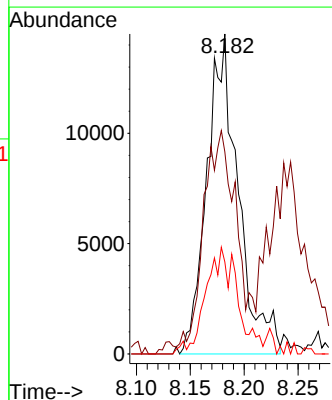
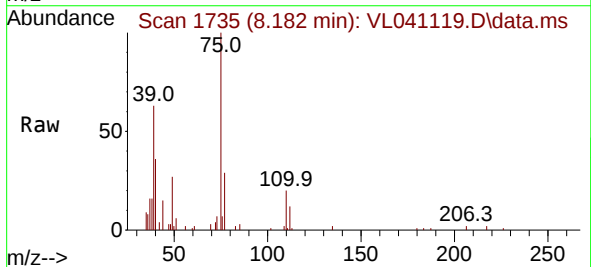
Manual Integrations
APPROVED

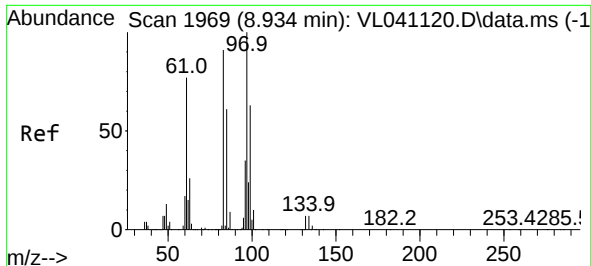
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#46
cis-1,3-Dichloropropene
Concen: 0.391 ppbv m
RT: 8.182 min Scan# 1735
Delta R.T. 0.003 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Tgt Ion: 75 Resp: 29272
Ion Ratio Lower Upper
75 100
39 63.2 55.1 82.7
77 28.8 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 0.481 ppbv

RT: 8.934 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VL041119.D

Acq: 4 Apr 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 97 Resp: 5386

Ion Ratio Lower Upper

97 100

83 92.6 72.9 109.3

85 65.5 49.1 73.7

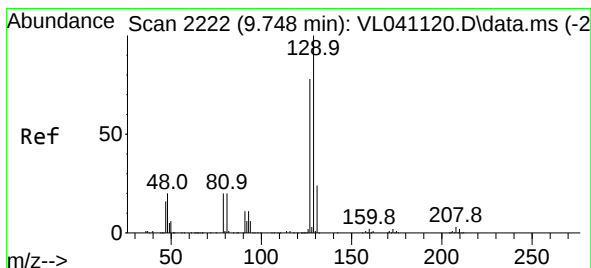
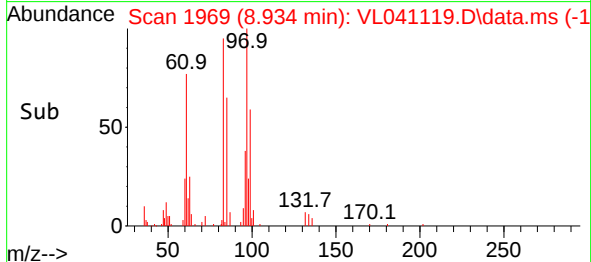
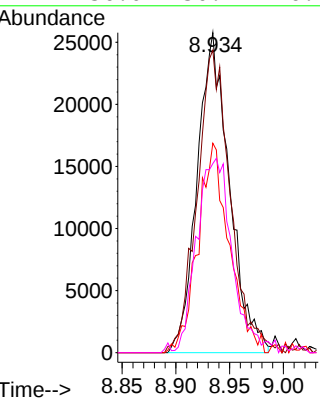
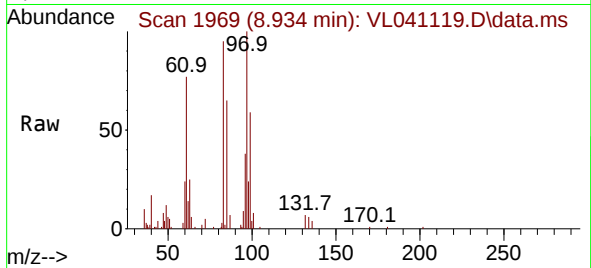
99 56.0 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#48

Dibromochloromethane

Concen: 0.453 ppbv m

RT: 9.745 min Scan# 2221

Delta R.T. -0.003 min

Lab File: VL041119.D

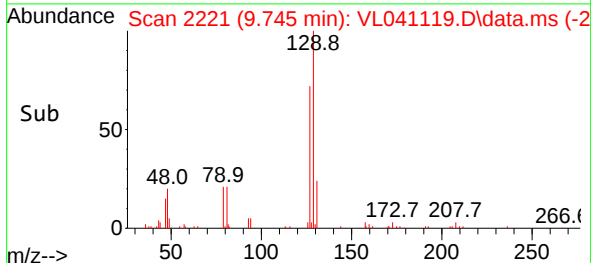
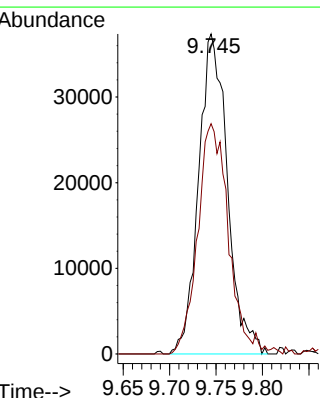
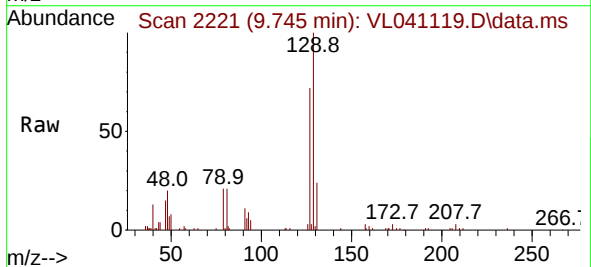
Acq: 4 Apr 2024 8:46

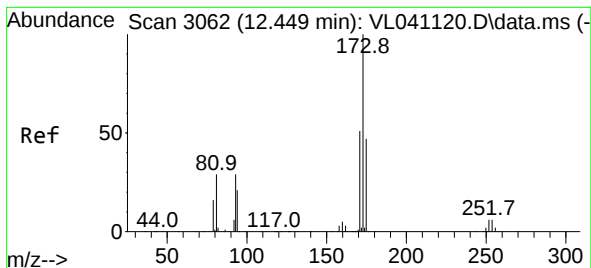
Tgt Ion:129 Resp: 80455

Ion Ratio Lower Upper

129 100

127 77.6 39.3 117.9





#49

Bromoform

Concen: 0.429 ppbv m

RT: 12.442 min Scan# 3060

Delta R.T. -0.007 min

Lab File: VL041119.D

Acq: 4 Apr 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

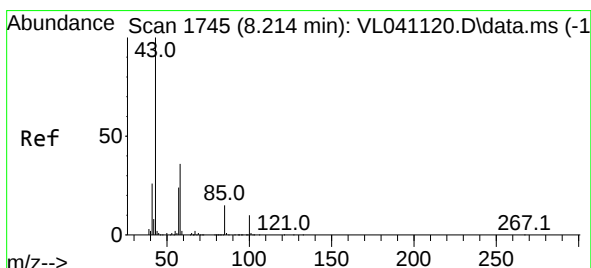
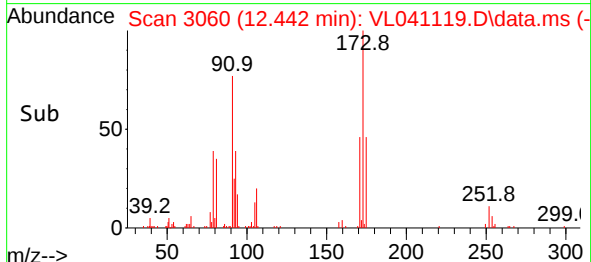
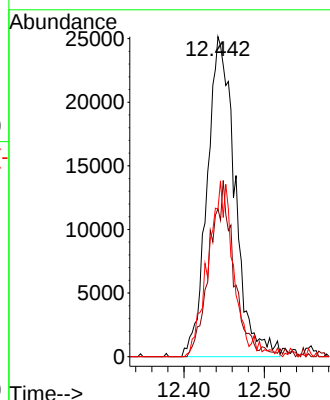
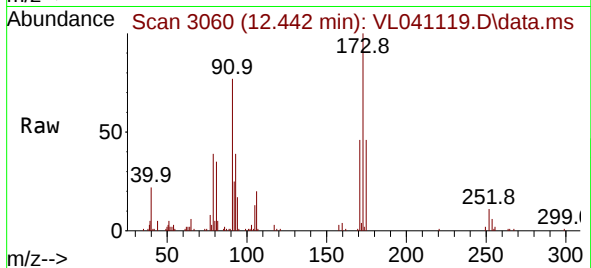
VSTDICC0.5

Tgt Ion:173	Resp:	60400
Ion Ratio	Lower	Upper
173	100	
175	48.3	39.4 59.0
171	51.7	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: 0.426 ppbv m

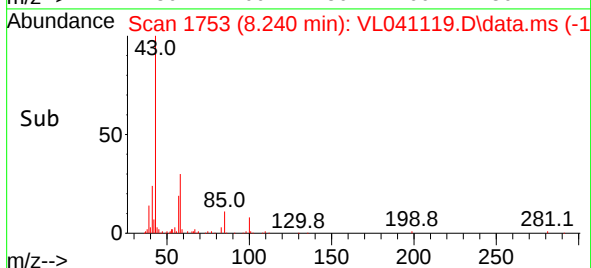
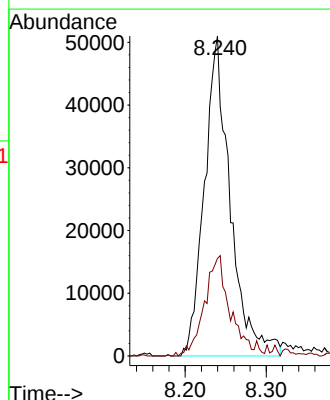
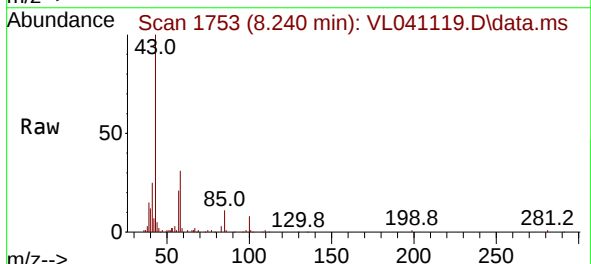
RT: 8.240 min Scan# 1753

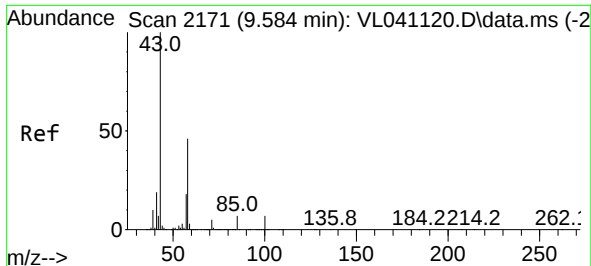
Delta R.T. 0.026 min

Lab File: VL041119.D

Acq: 4 Apr 2024 8:46

Tgt Ion: 43	Resp:	112979
Ion Ratio	Lower	Upper
43	100	
58	31.2	27.7 41.5





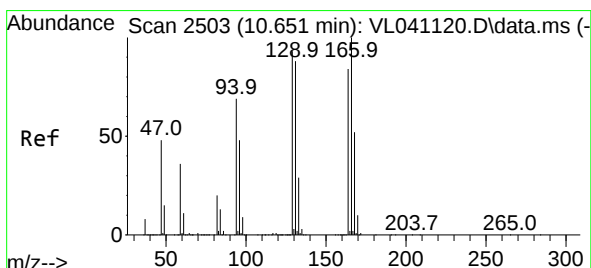
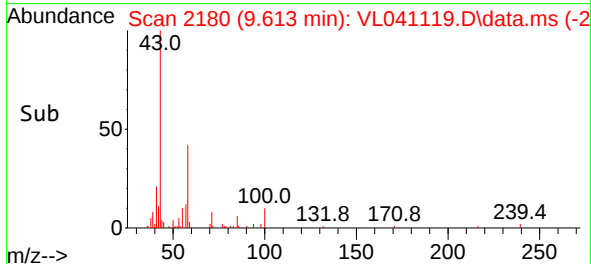
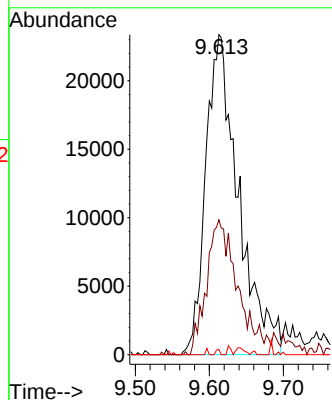
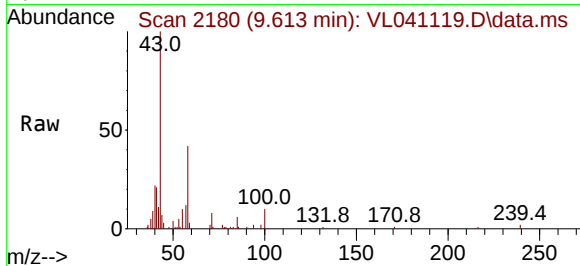
#51
2-Hexanone
Concen: 0.389 ppbv m
RT: 9.613 min Scan# 2171
Delta R.T. 0.029 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 7144
Ion Ratio Lower Upper
43 100
58 40.4 37.3 55.9
98 0.3 0.3 0.5

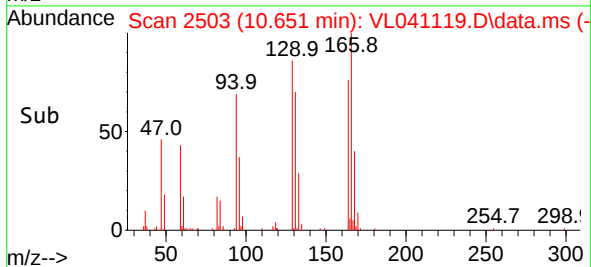
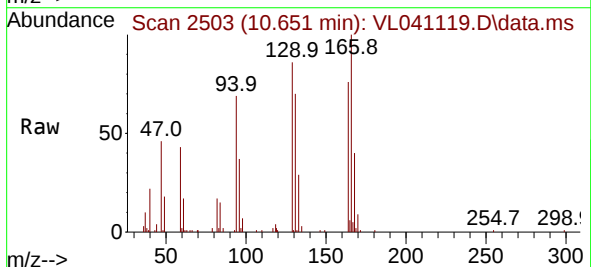
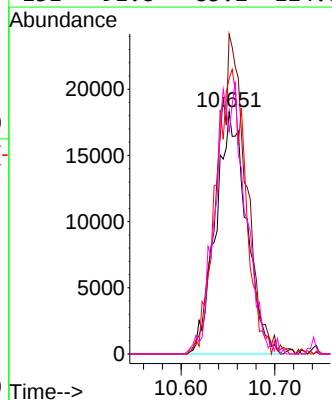
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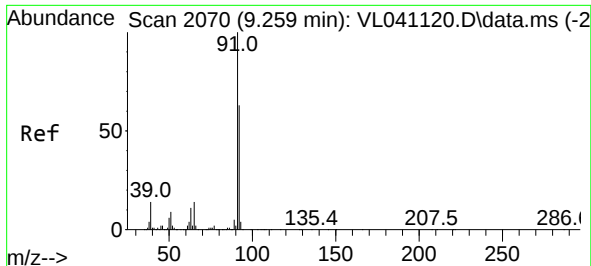
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#52
Tetrachloroethene
Concen: 0.496 ppbv m
RT: 10.651 min Scan# 2503
Delta R.T. -0.000 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Tgt Ion:164 Resp: 41693
Ion Ratio Lower Upper
164 100
166 132.1 95.0 142.6
129 113.7 88.7 133.1
131 91.8 83.2 124.8





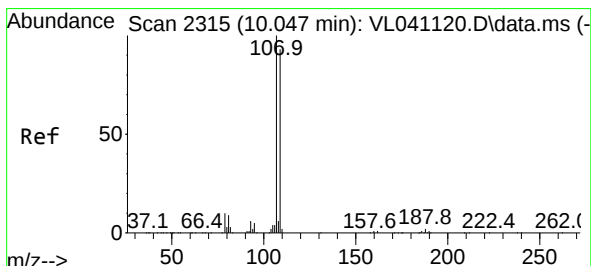
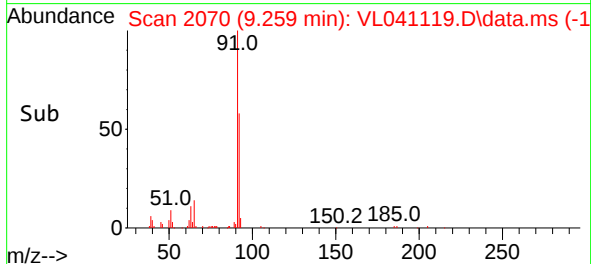
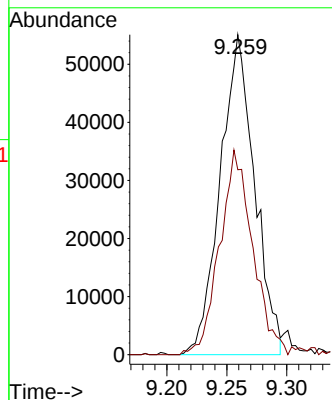
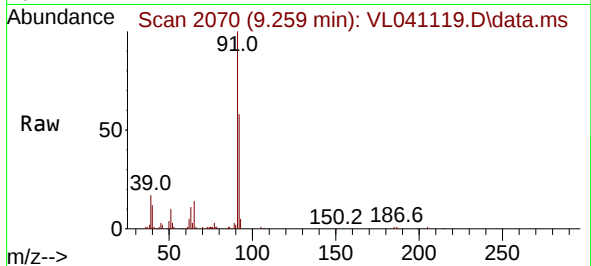
#53
Toluene
Concen: 0.395 ppbv
RT: 9.259 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 10960
Ion Ratio Lower Upper
91 100
92 62.9 49.0 73.4

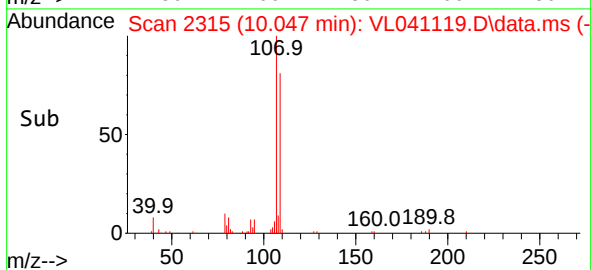
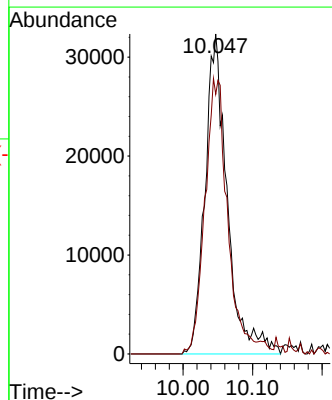
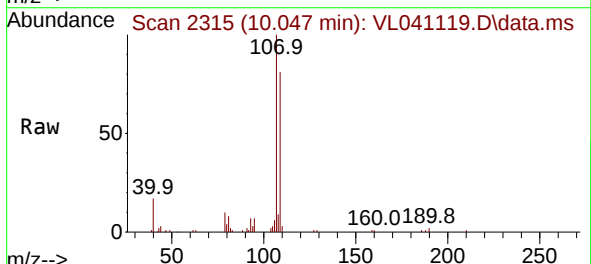
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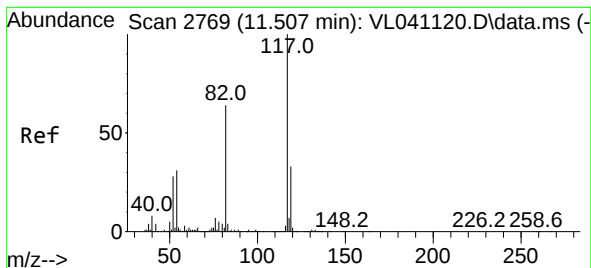
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#54
1,2-Dibromoethane
Concen: 0.515 ppbv m
RT: 10.047 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Tgt Ion:107 Resp: 71837
Ion Ratio Lower Upper
107 100
109 81.1 74.3 111.5





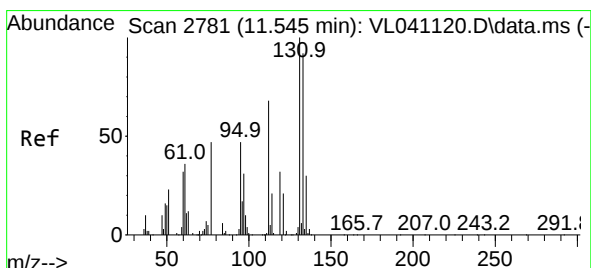
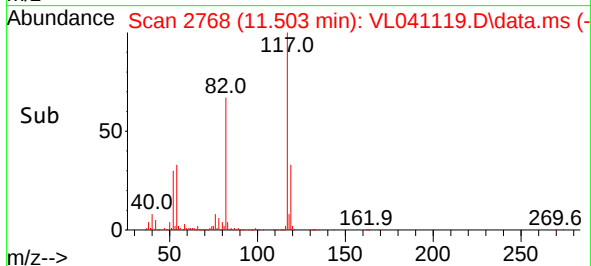
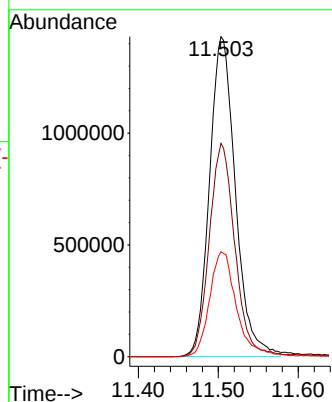
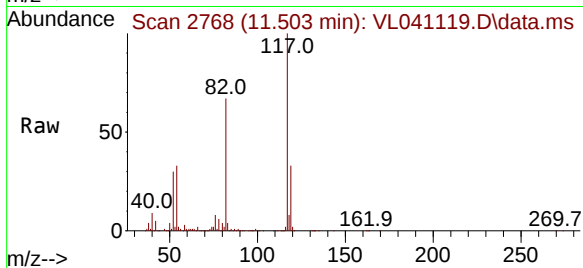
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.503 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 321748
Ion Ratio Lower Upper
117 100
82 67.4 51.0 76.6
119 34.4 25.2 37.8

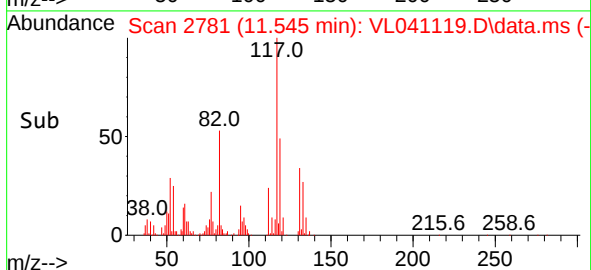
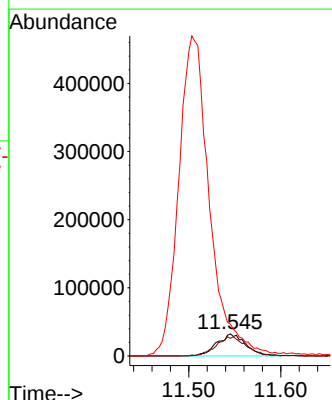
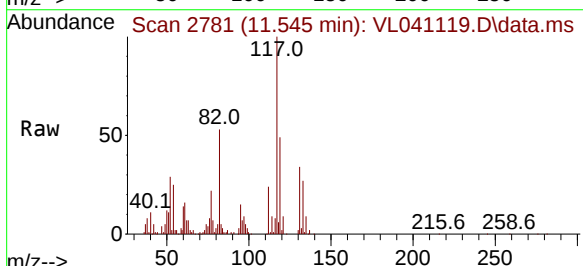
Manual Integrations
APPROVED

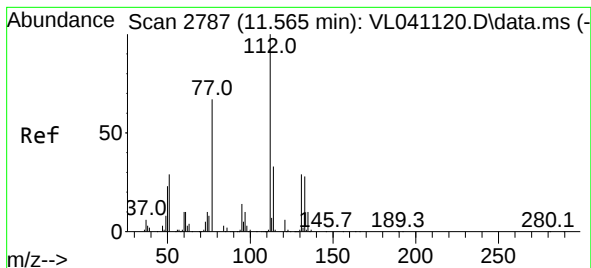
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 0.530 ppbv m
RT: 11.545 min Scan# 2781
Delta R.T. -0.000 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Tgt Ion:131 Resp: 69778
Ion Ratio Lower Upper
131 100
133 93.1 76.6 115.0
119 1585.3 49.9 74.9#





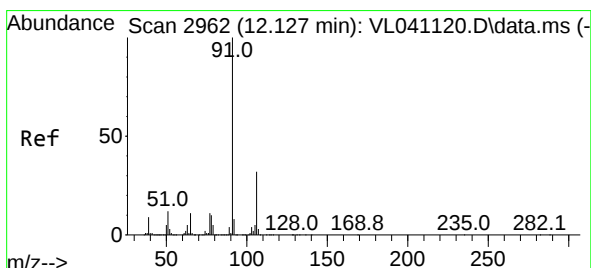
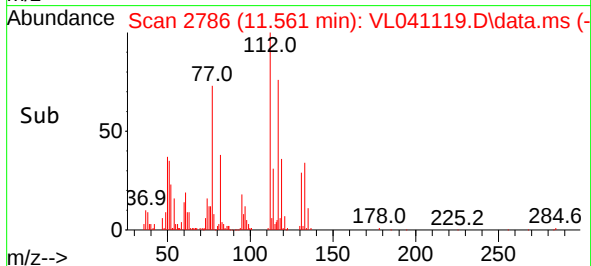
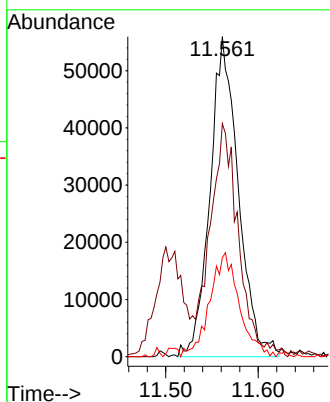
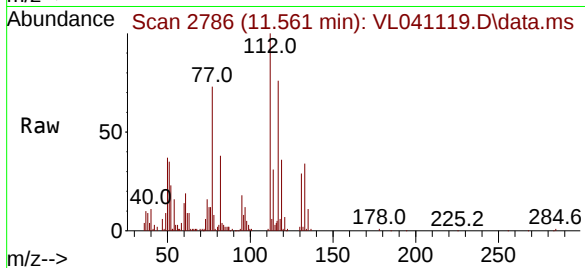
#57
Chlorobenzene
Concen: 0.547 ppbv m
RT: 11.561 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:112 Resp: 11923
Ion Ratio Lower Upper
112 100
77 72.8 54.0 81.0
114 31.0 29.3 35.9

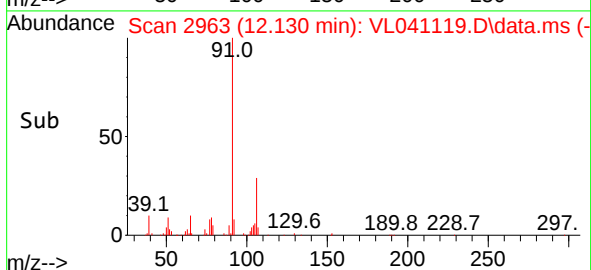
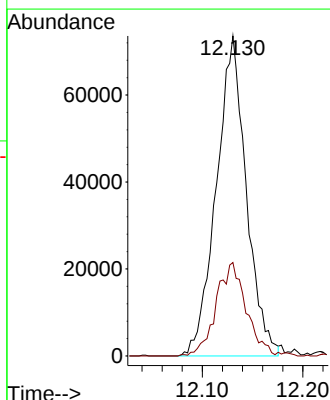
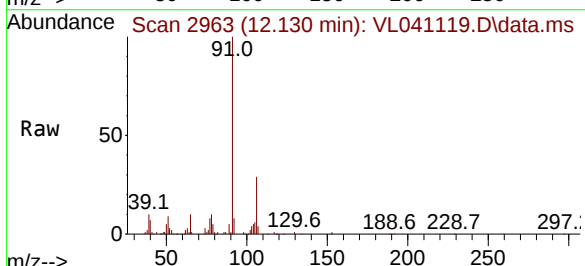
Manual Integrations
APPROVED

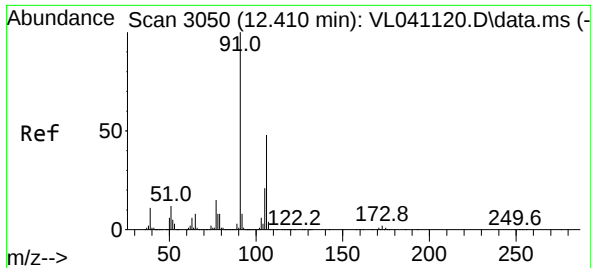
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#58
Ethyl Benzene
Concen: 0.435 ppbv
RT: 12.130 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Tgt Ion: 91 Resp: 152318
Ion Ratio Lower Upper
91 100
106 29.2 25.6 38.4





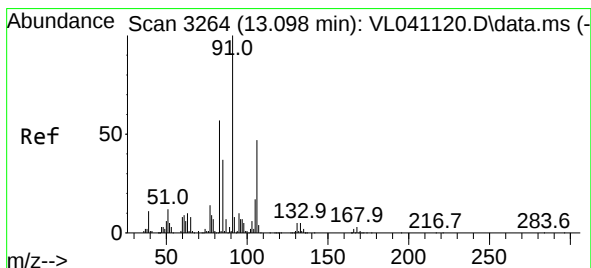
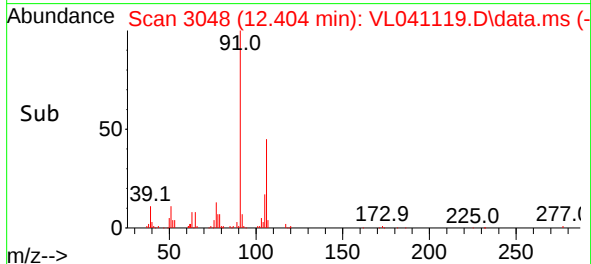
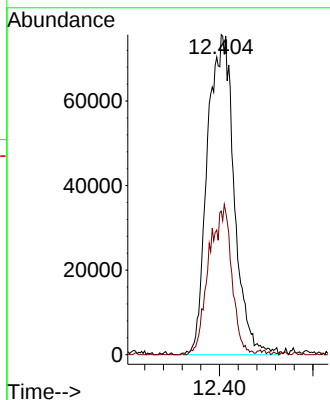
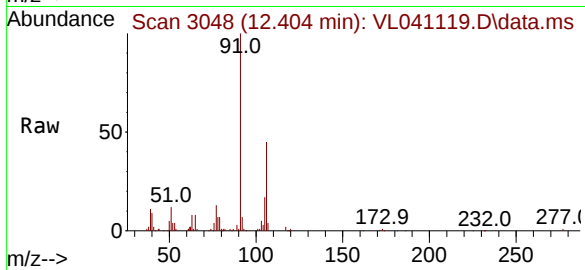
#59
m/p-Xylene
Concen: 0.949 ppbv m
RT: 12.404 min Scan# 3050
Delta R.T. -0.007 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 300504
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2

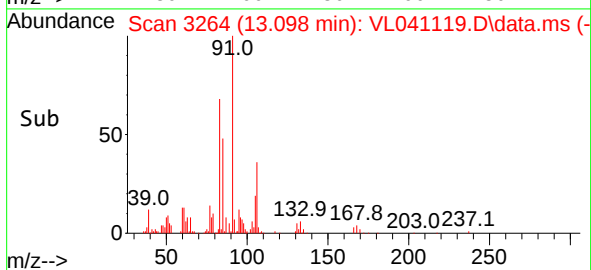
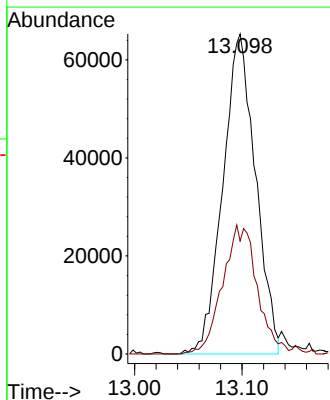
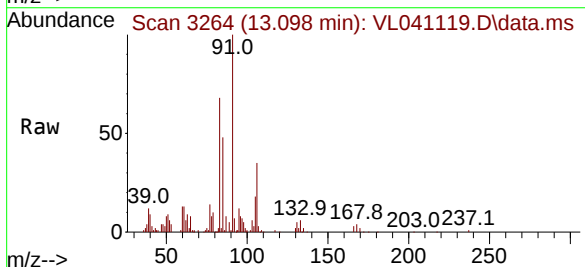
Manual Integrations
APPROVED

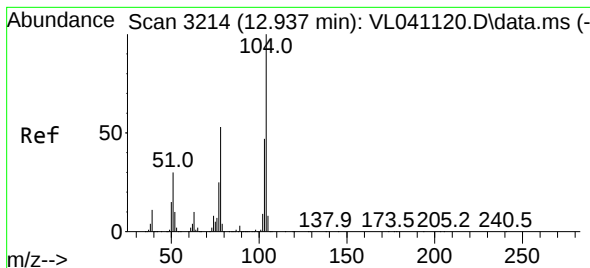
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#60
o-Xylene
Concen: 0.457 ppbv
RT: 13.098 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Tgt Ion: 91 Resp: 137803
Ion Ratio Lower Upper
91 100
106 43.5 22.9 68.5





#61

Styrene

Concen: 0.355 ppbv m

RT: 12.931 min Scan# 31

Delta R.T. -0.006 min

Lab File: VL041119.D

Acq: 4 Apr 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

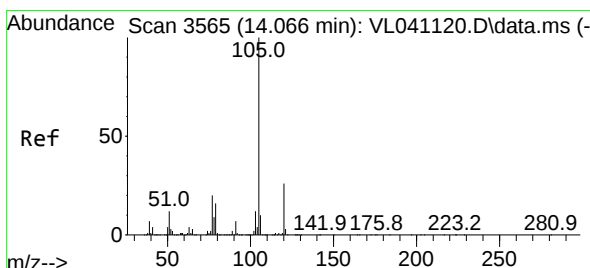
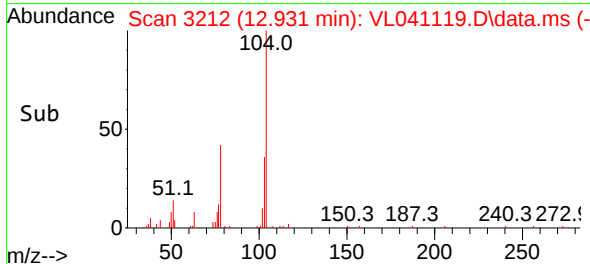
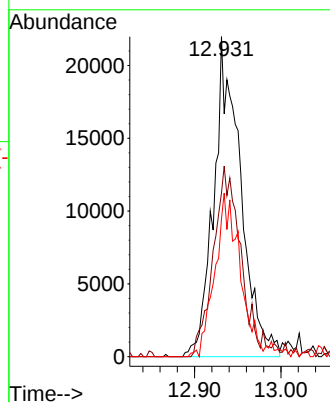
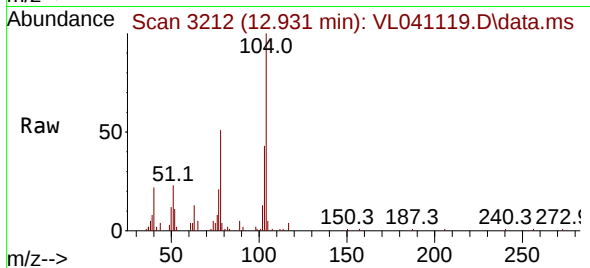
VSTDICC0.5

Tgt Ion:104	Resp:	47369
Ion Ratio	Lower	Upper
104	100	
78	62.6	43.3 64.9
103	49.6	38.2 57.2

Manual Integrations

APPROVED

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



#62

Isopropylbenzene

Concen: 0.478 ppbv

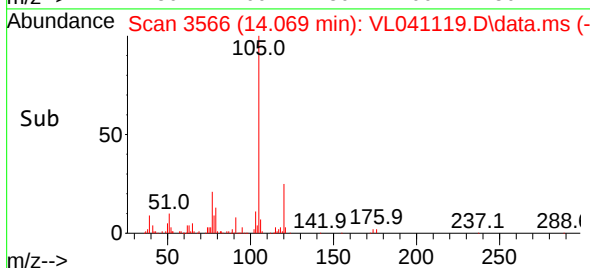
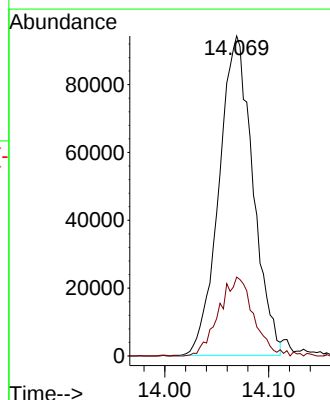
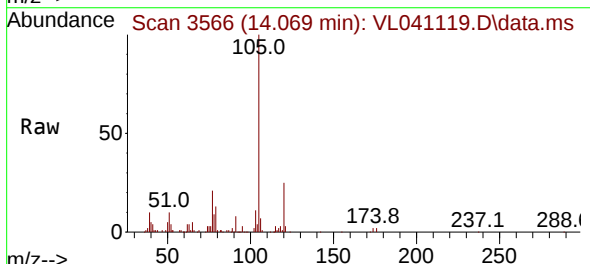
RT: 14.069 min Scan# 3566

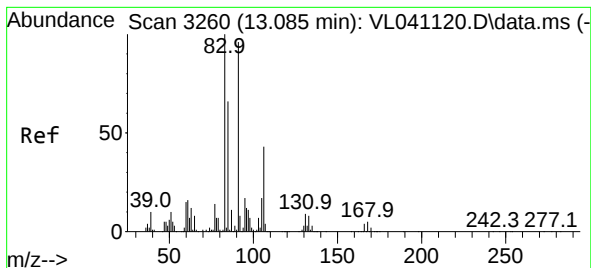
Delta R.T. 0.003 min

Lab File: VL041119.D

Acq: 4 Apr 2024 8:46

Tgt Ion:105	Resp:	213848
Ion Ratio	Lower	Upper
105	100	
120	25.5	21.0 31.4





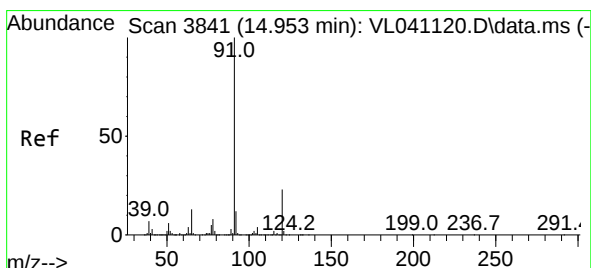
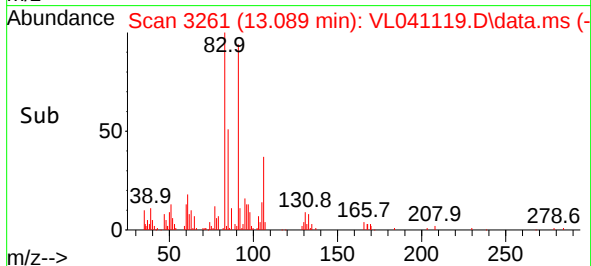
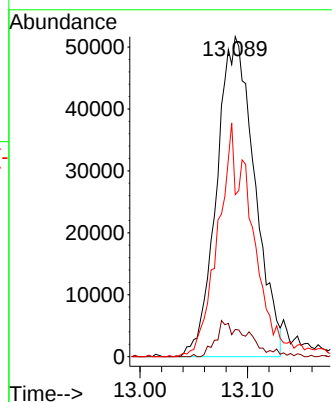
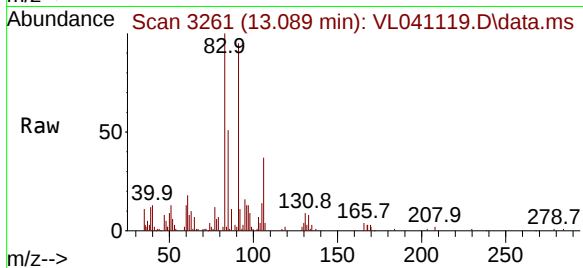
#63
1,1,2,2-Tetrachloroethane
Concen: 0.534 ppbv
RT: 13.089 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 126928
Ion Ratio Lower Upper
83 100
131 9.8 4.7 14.0
85 68.7 33.1 99.2

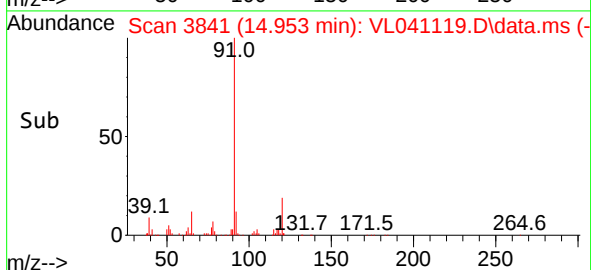
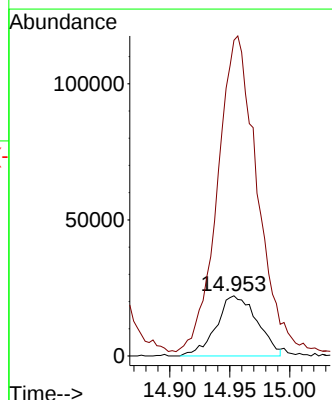
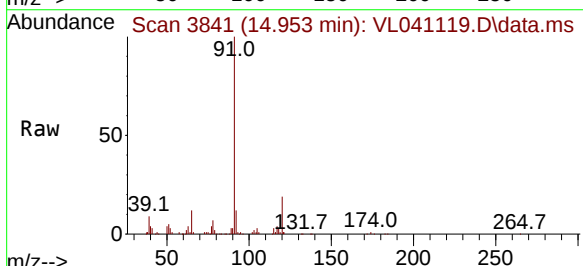
Manual Integrations
APPROVED

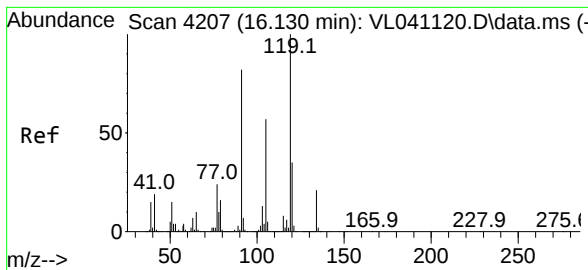
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#64
n-propylbenzene
Concen: 0.466 ppbv
RT: 14.953 min Scan# 3841
Delta R.T. -0.000 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Tgt Ion:120 Resp: 52114
Ion Ratio Lower Upper
120 100
91 542.1 395.0 592.6





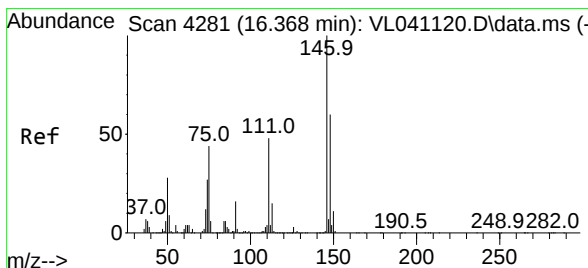
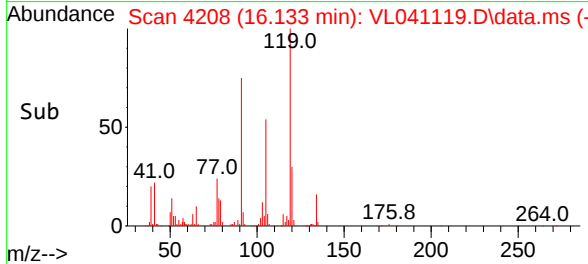
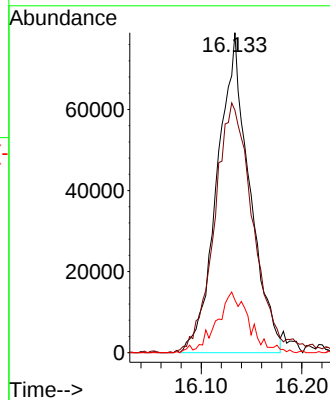
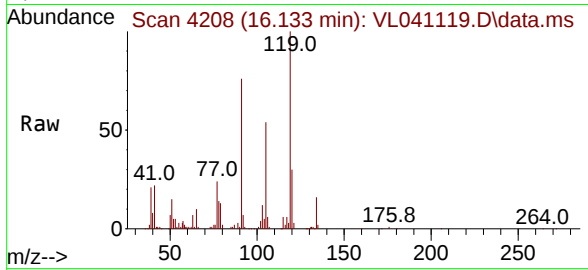
#65
tert-Butylbenzene
Concen: 0.450 ppbv
RT: 16.133 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 119 Resp: 175902
Ion Ratio Lower Upper
119 100
91 95.6 67.8 101.8
134 19.3 16.0 24.0

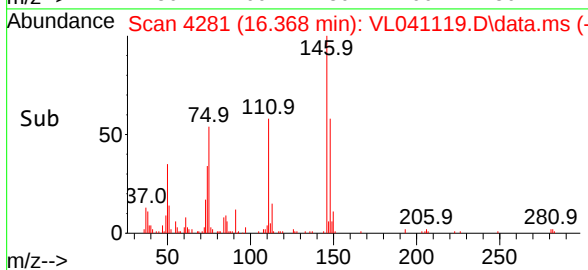
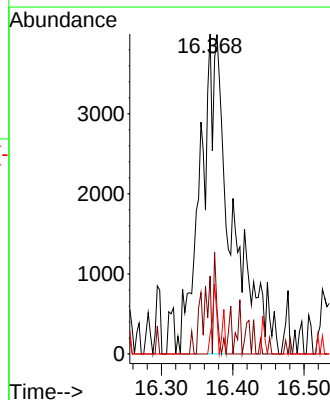
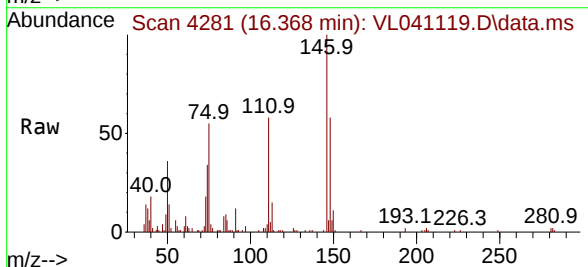
Manual Integrations
APPROVED

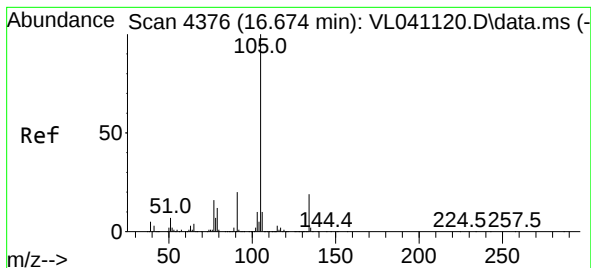
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#66
Benzyl Chloride
Concen: 0.476 ppbv m
RT: 16.368 min Scan# 4281
Delta R.T. -0.000 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

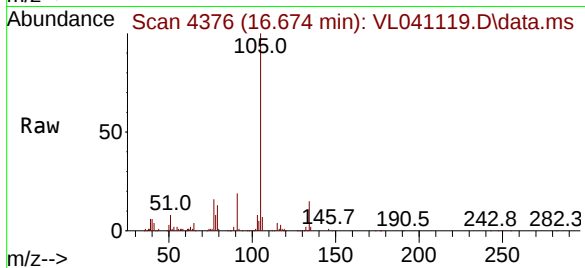
Tgt Ion: 91 Resp: 12256
Ion Ratio Lower Upper
91 100
126 11.8 13.4 20.2#
128 4.3 4.3 6.5#





#67
 sec-Butylbenzene
 Concen: 0.464 ppbv
 RT: 16.674 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041119.D
 Acq: 4 Apr 2024 8:46

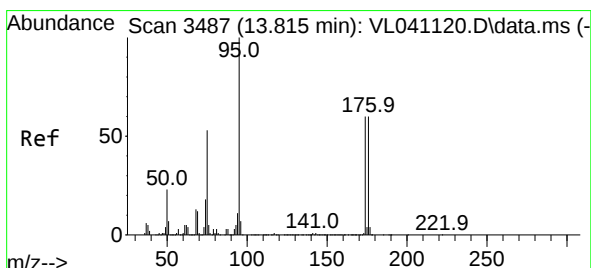
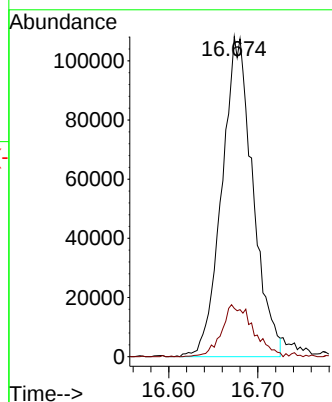
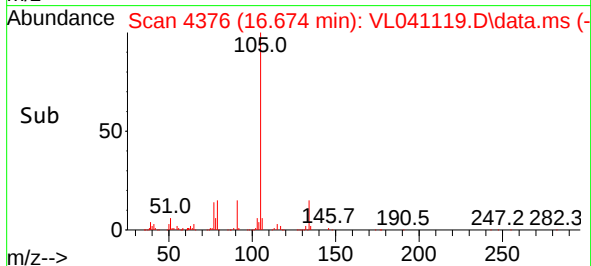
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



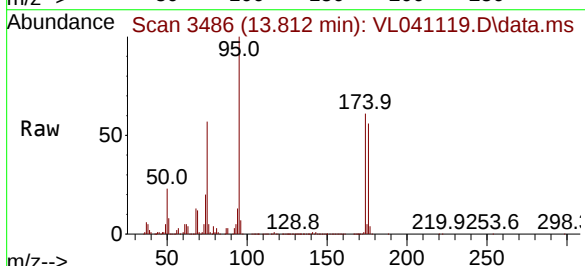
Tgt Ion: 105 Resp: 26158
 Ion Ratio Lower Upper
 105 100
 134 16.9 14.3 21.5

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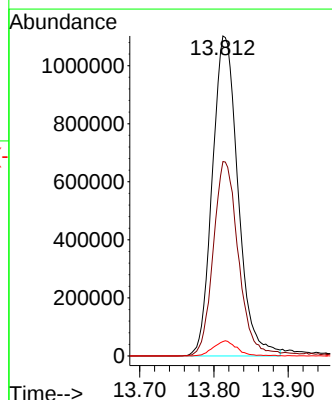
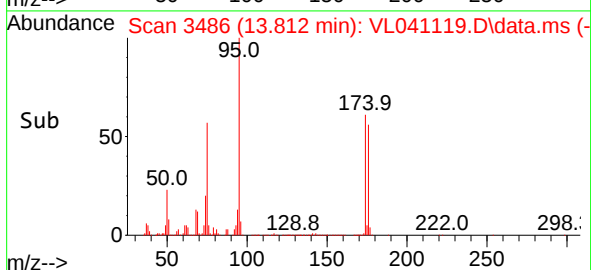
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

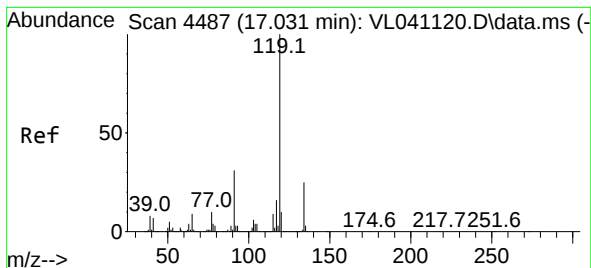


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.294 ppbv
 RT: 13.812 min Scan# 3486
 Delta R.T. -0.003 min
 Lab File: VL041119.D
 Acq: 4 Apr 2024 8:46



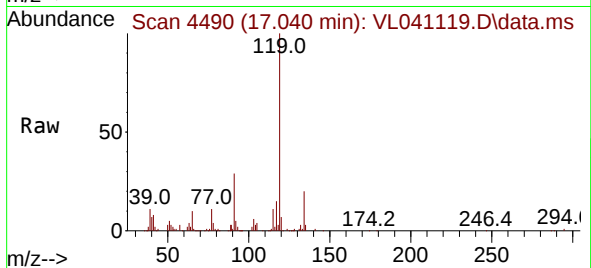
Tgt Ion: 95 Resp: 2653807
 Ion Ratio Lower Upper
 95 100
 174 60.9 49.3 73.9
 175 4.5 3.6 5.4





#69
p-Isopropyltoluene
Concen: 0.451 ppbv m
RT: 17.040 min Scan# 4487
Delta R.T. 0.010 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

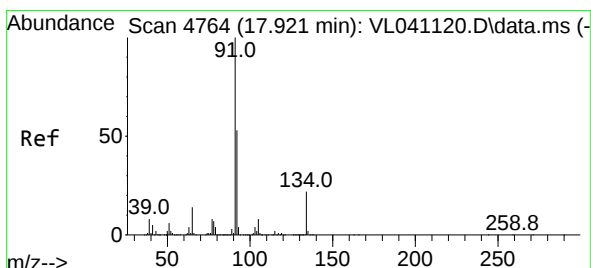
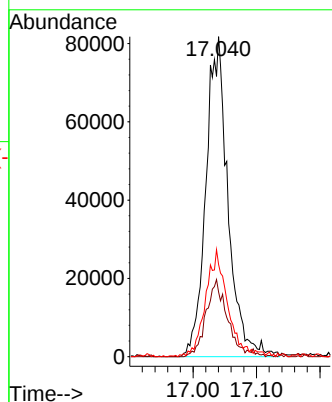
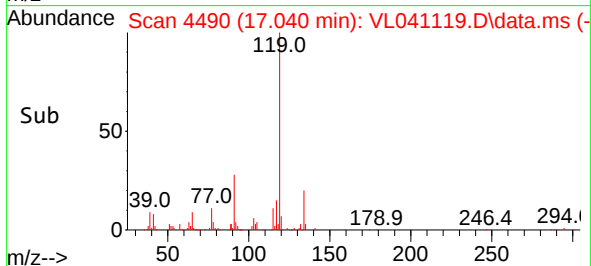
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



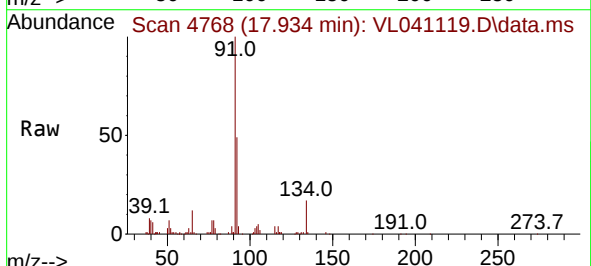
Tgt Ion: 119 Resp: 197911
Ion Ratio Lower Upper
119 100
134 0.0 20.5 30.7
91 0.0 24.8 37.2

Manual Integrations
APPROVED

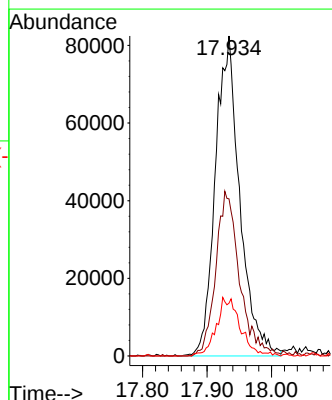
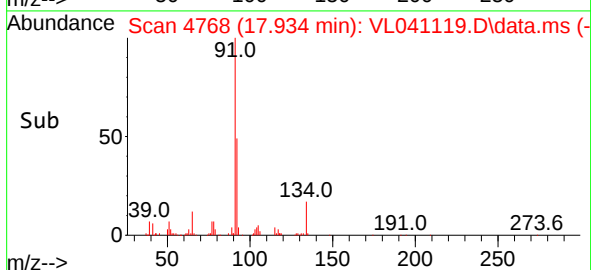
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

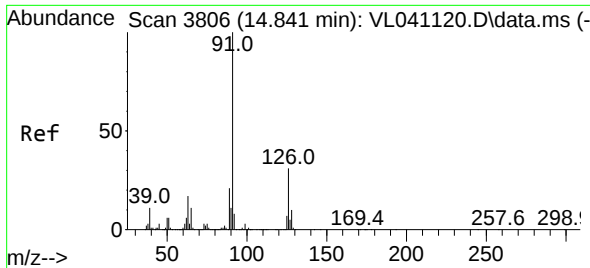


#70
n-Butylbenzene
Concen: 0.453 ppbv m
RT: 17.934 min Scan# 4768
Delta R.T. 0.013 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46



Tgt Ion: 91 Resp: 216594
Ion Ratio Lower Upper
91 100
92 50.4 43.4 65.0
134 18.0 17.1 25.7





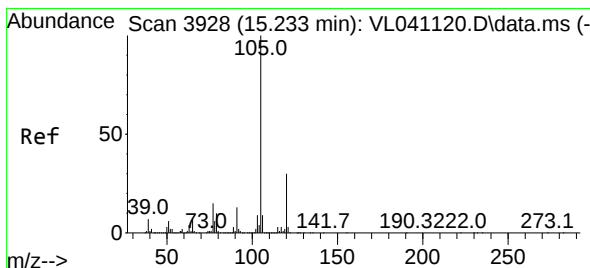
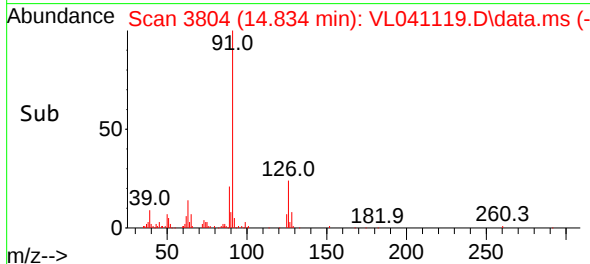
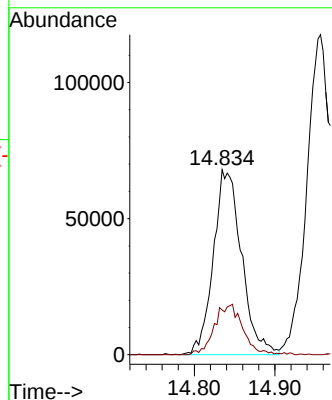
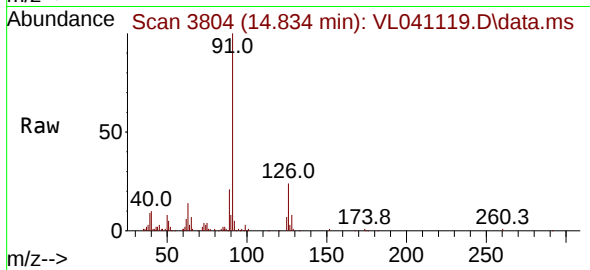
#71
2-Chlorotoluene
Concen: 0.483 ppbv m
RT: 14.834 min Scan# 3804
Delta R.T. -0.007 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 165320
Ion Ratio Lower Upper
91 100
126 0.0 12.5 50.1

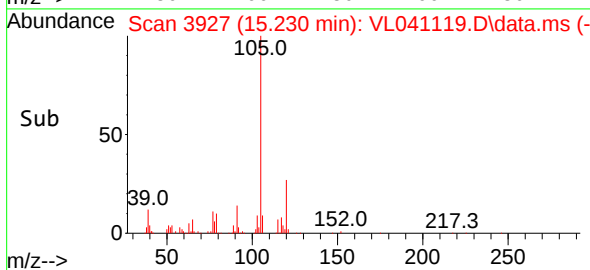
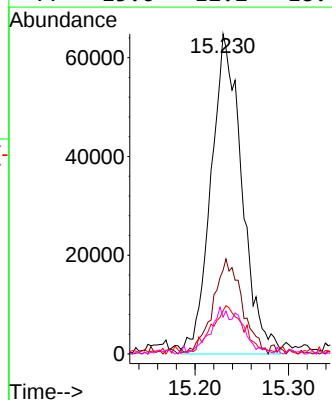
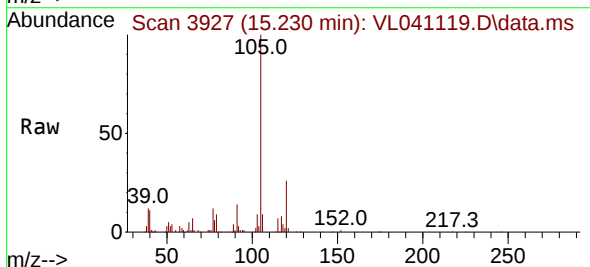
Manual Integrations
APPROVED

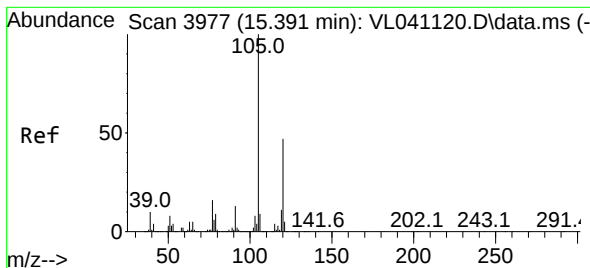
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#72
4-Ethyltoluene
Concen: 0.448 ppbv m
RT: 15.230 min Scan# 3927
Delta R.T. -0.003 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

Tgt Ion:105 Resp: 148873
Ion Ratio Lower Upper
105 100
120 28.9 24.2 36.2
91 15.5 11.2 16.8
77 15.6 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 0.424 ppbv

RT: 15.394 min Scan# 3977

Delta R.T. 0.003 min

Lab File: VL041119.D

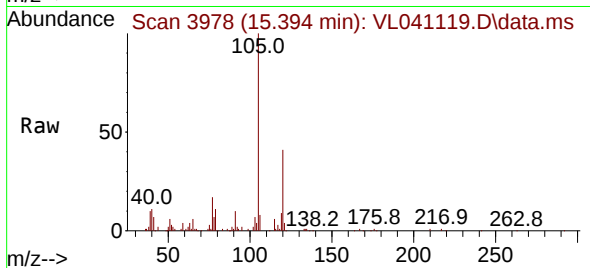
Acq: 4 Apr 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5



Tgt Ion:105 Resp: 125378

Ion Ratio Lower Upper

105 100

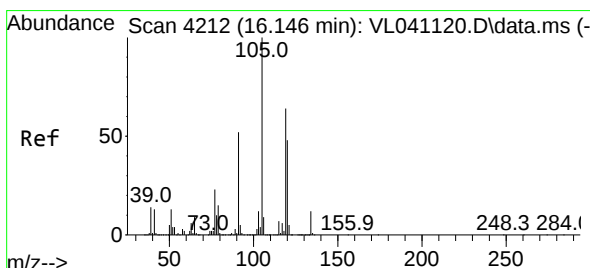
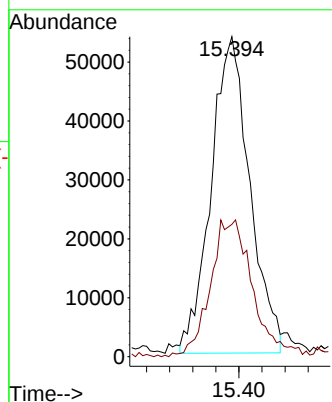
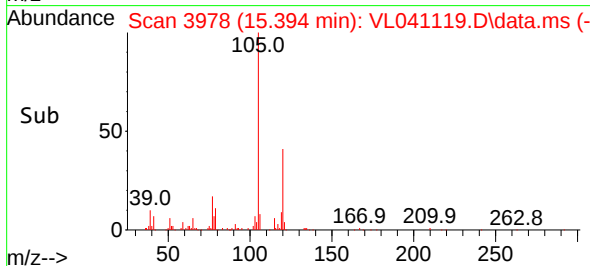
120 41.8 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.463 ppbv

RT: 16.146 min Scan# 4212

Delta R.T. -0.000 min

Lab File: VL041119.D

Acq: 4 Apr 2024 8:46

Tgt Ion:105 Resp: 157640

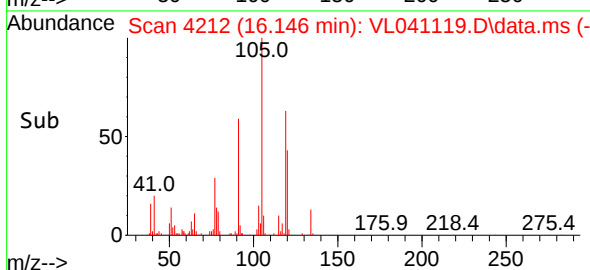
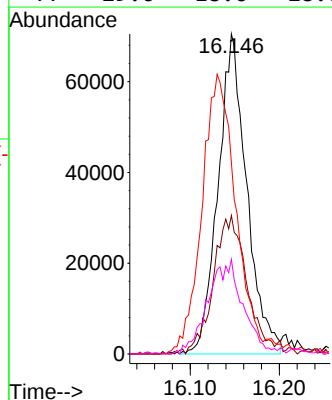
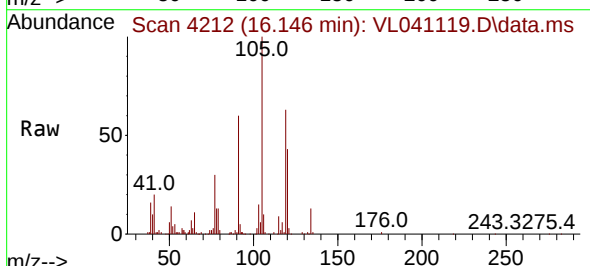
Ion Ratio Lower Upper

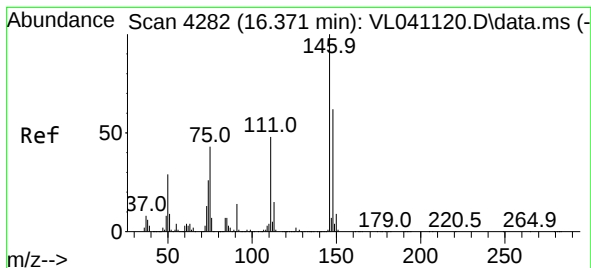
105 100

120 42.1 38.9 58.3

91 56.7 43.0 64.6

77 29.6 18.6 28.0#





#75

1,3-Dichlorobenzene

Concen: 0.487 ppbv m

RT: 16.375 min Scan# 4282

Delta R.T. 0.003 min

Lab File: VL041119.D

Acq: 4 Apr 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

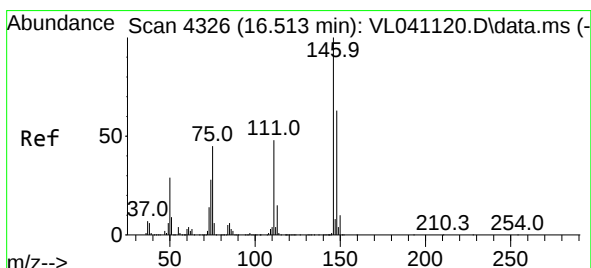
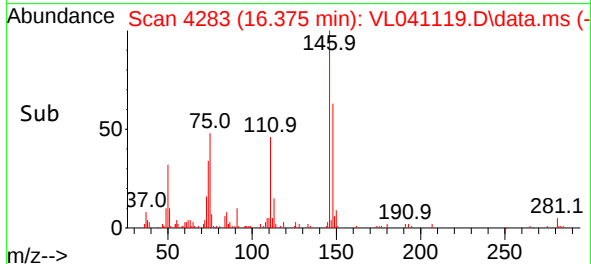
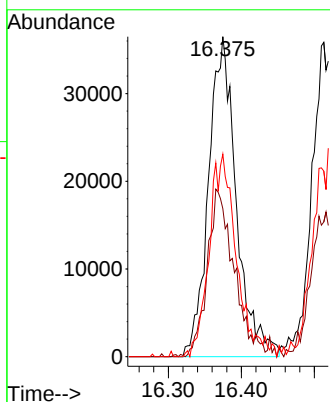
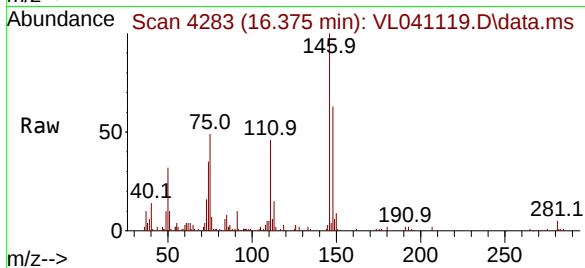
VSTDIC0.5

Tgt Ion:	146	Resp:	96260
Ion Ratio	Lower	Upper	
146	100		
111	51.7	24.1	72.4
148	0.0	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: 0.501 ppbv m

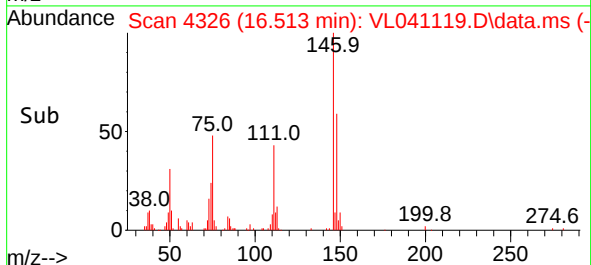
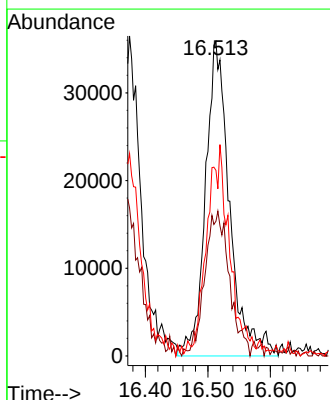
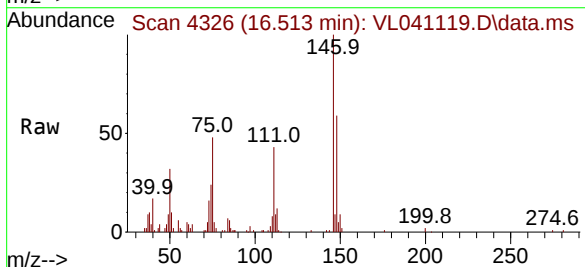
RT: 16.513 min Scan# 4326

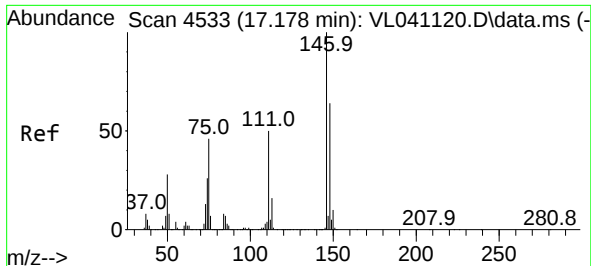
Delta R.T. -0.000 min

Lab File: VL041119.D

Acq: 4 Apr 2024 8:46

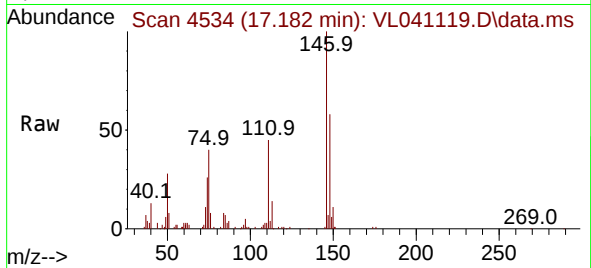
Tgt Ion:	146	Resp:	96357
Ion Ratio	Lower	Upper	
146	100		
111	47.5	24.1	72.3
148	64.6	33.1	99.2





#77
1,2-Dichlorobenzene
Concen: 0.505 ppbv m
RT: 17.182 min Scan# 4534
Delta R.T. 0.003 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46

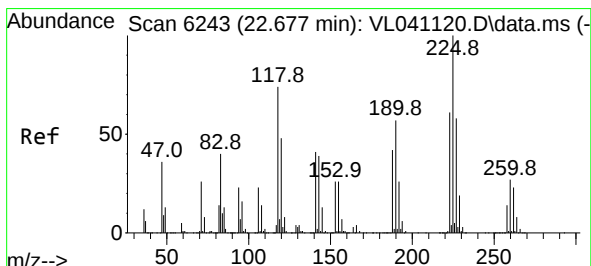
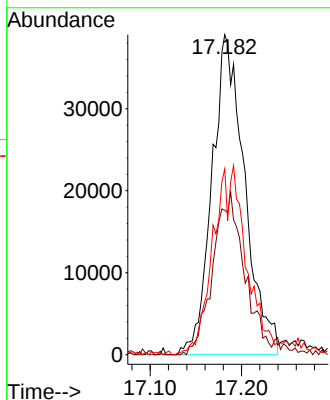
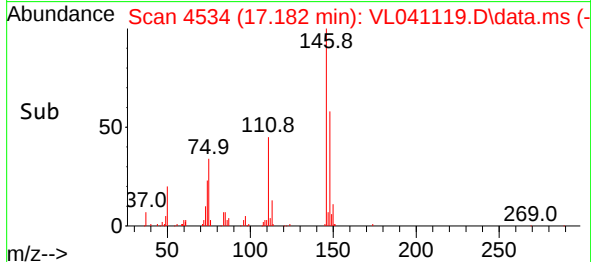
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



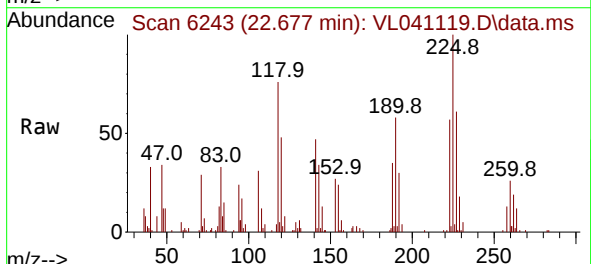
Tgt Ion:146 Resp: 97063
Ion Ratio Lower Upper
146 100
111 51.0 25.1 75.3
148 64.0 32.6 97.7

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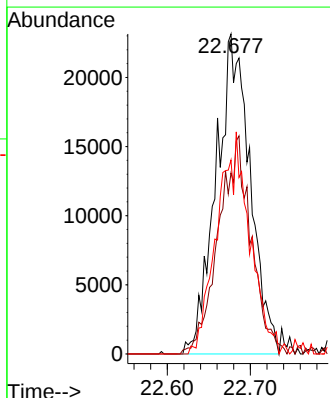
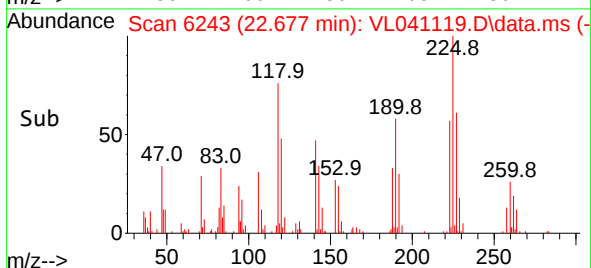
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

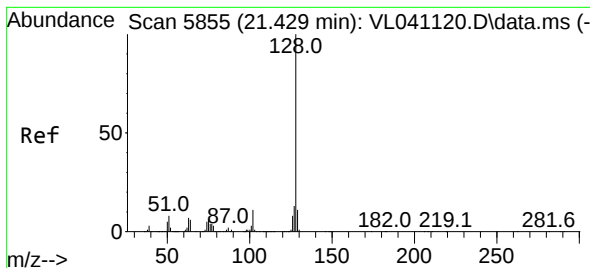


#78
Hexachloro-1,3-Butadiene
Concen: 0.516 ppbv m
RT: 22.677 min Scan# 6243
Delta R.T. -0.000 min
Lab File: VL041119.D
Acq: 4 Apr 2024 8:46



Tgt Ion:225 Resp: 65828
Ion Ratio Lower Upper
225 100
223 0.0 50.9 76.3#
227 0.0 51.3 76.9#





#79

Naphthalene

Concen: 0.385 ppbv m

RT: 21.435 min Scan# 5855

Delta R.T. 0.006 min

Lab File: VL041119.D

Acq: 4 Apr 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

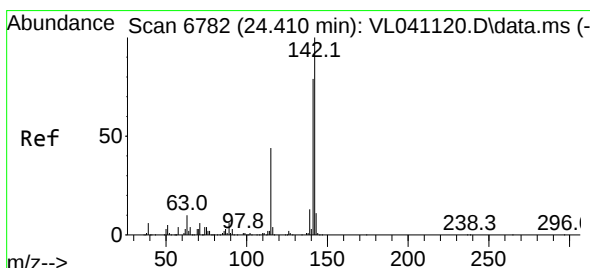
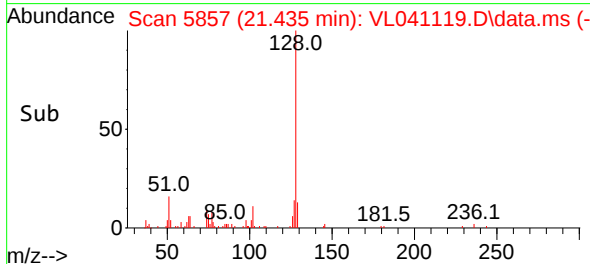
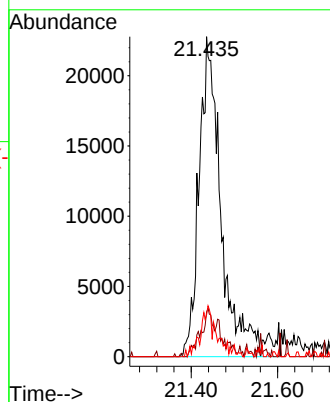
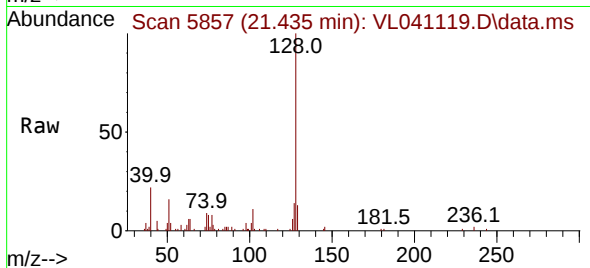
VSTDIC0.5

Tgt Ion:128	Resp:	82489
Ion Ratio	Lower	Upper
128	100	
127	14.0	10.6 15.8
129	13.1	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: 0.357 ppbv m

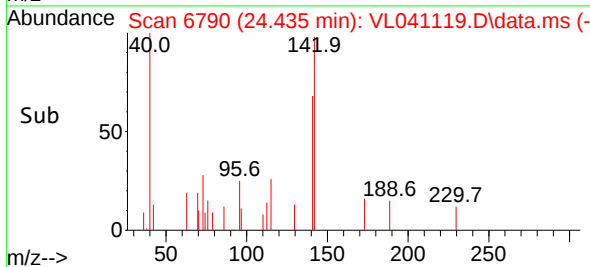
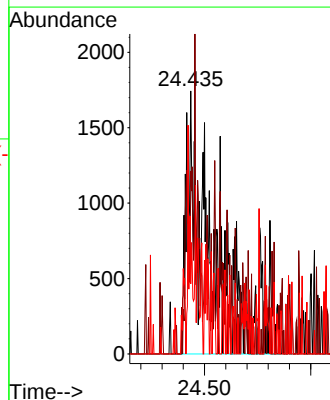
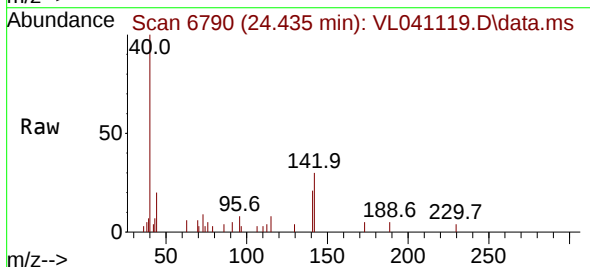
RT: 24.435 min Scan# 6790

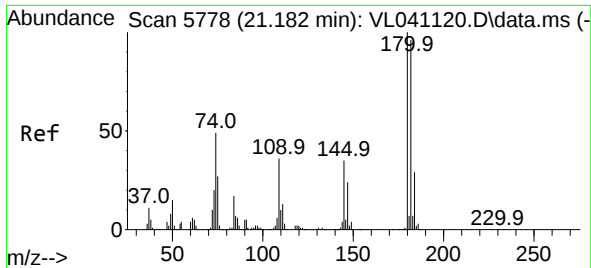
Delta R.T. 0.026 min

Lab File: VL041119.D

Acq: 4 Apr 2024 8:46

Tgt Ion:142	Resp:	13390
Ion Ratio	Lower	Upper
142	100	
141	11.9	64.4 96.6#
115	16.6	33.5 50.3#





#81

1,2,4-Trichlorobenzene

Concen: 0.408 ppbv m

RT: 21.194 min Scan# 51

Delta R.T. 0.013 min

Lab File: VL041119.D

Acq: 4 Apr 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:180 Resp: 5036

Ion Ratio Lower Upper

180 100

182 86.1 77.4 116.2

184 27.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024

