

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041355.D
 Acq On : 26 Jun 2024 10:53
 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 06/27/2024
 Supervised By : Mahesh Dadoda 06/27/2024

Quant Time: Jun 26 11:28:22 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

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

QLast Update : Wed Jun 26 10:54:23 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	1086028	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2925160	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2627999	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.793 95 1999103 9.852 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.742	85	111443	0.643	ppbv	91
3) Chlorodifluoromethane	2.690	51	101848	0.593	ppbv	99
4) Chloromethane	2.825	50	38560	0.597	ppbv	89
5) Vinyl Chloride	2.931	62	37595	0.578	ppbv	99
6) Bromomethane	3.134	94	12903	0.558	ppbv	87
7) Chloroethane	3.208	64	12625	0.563	ppbv	93
8) Dichlorotetrafluoroethane	2.870	85	99751	0.625	ppbv	100
9) Propene	2.706	41	37019	0.606	ppbv	97
10) Heptane	7.590	43	77688m	0.536	ppbv	
11) Trichlorofluoromethane	3.575	101	96458	0.605	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.076	101	66200	0.588	ppbv	90
13) Ethanol	3.279	45	6610m	0.416	ppbv	
14) Bromoethene	3.382	108	26798	0.588	ppbv #	92
15) Acetone	3.497	43	72262	0.583	ppbv #	83
16) 1,3-Butadiene	2.996	39	33553m	0.538	ppbv	
17) tert-Butyl alcohol	3.912	59	46507	0.407	ppbv	94
18) 1,1-Dichloroethene	3.893	96	29201	0.608	ppbv	97
19) Isopropyl Alcohol	3.616	45	32802	0.421	ppbv #	91
20) Methylene Chloride	3.948	84	29480	0.654	ppbv #	93
21) Allyl Chloride	4.012	41	45374	0.578	ppbv	92
22) trans-1,2-Dichloroethene	4.462	96	28837	0.576	ppbv	93
23) Vinyl Acetate	4.652	43	69424	0.547	ppbv #	93
24) 1,1-Dichloroethane	4.574	63	63872	0.573	ppbv	99
25) Ethyl Acetate	5.227	43	135014	0.550	ppbv	96
26) Hexane	5.227	57	60677	0.550	ppbv	92
27) Carbon Disulfide	4.140	76	68906	0.564	ppbv #	89
28) Methyl tert-Butyl Ether	4.613	73	45430m	0.556	ppbv	
29) Chloroform	5.288	83	96048	0.567	ppbv	84
30) Cyclohexane	6.616	84	44148	0.494	ppbv	91
31) cis-1,2-Dichloroethene	5.092	61	55682	0.534	ppbv	95
32) 1,1,1-Trichloroethane	6.015	97	88404	0.551	ppbv	97
34) 2-Butanone	4.819	43	70980	0.507	ppbv #	89
35) Carbon Tetrachloride	6.504	117	88220	0.531	ppbv	97
36) Benzene	6.385	78	124529	0.549	ppbv	99
37) 1,2-Dichloroethane	5.819	62	71817	0.543	ppbv	99
38) Trichloroethene	7.304	130	46857	0.510	ppbv	94
39) 1,2-Dichloropropane	7.086	63	48936	0.542	ppbv	88
40) 1,4-Dioxane	7.340	88	16309m	0.493	ppbv	
41) Tetrahydrofuran	5.597	42	48672	0.534	ppbv	99
42) Bromodichloromethane	7.259	83	97342	0.513	ppbv	89
43) Methyl Methacrylate	7.500	69	40850	0.473	ppbv	93
44) 2,2,4-Trimethylpentane	7.340	57	211857	0.543	ppbv	98
45) t-1,3-Dichloropropene	8.729	75	22468	0.385	ppbv #	83

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
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 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024

Quant Time: Jun 26 11:28:22 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

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

QLast Update : Wed Jun 26 10:54:23 2024

Response via : Initial Calibration

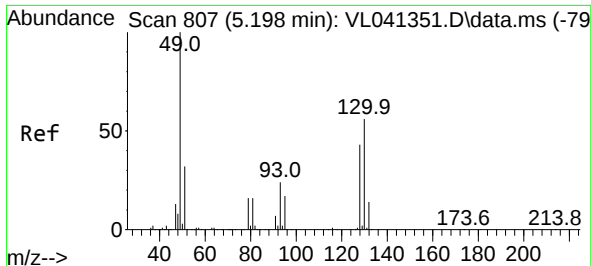
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	35191m	0.469	ppbv	
47) 1,1,2-Trichloroethane	8.915	97	54179m	0.574	ppbv	
48) Dibromochloromethane	9.729	129	76374m	0.491	ppbv	
49) Bromoform	12.417	173	57758m	0.461	ppbv	
50) 4-Methyl-2-Pentanone	8.217	43	115241	0.497	ppbv	93
51) 2-Hexanone	9.594	43	76996m	0.467	ppbv	
52) Tetrachloroethene	10.629	164	46081m	0.557	ppbv	
53) Toluene	9.240	91	131630	0.505	ppbv	99
54) 1,2-Dibromoethane	10.018	107	57822	0.470	ppbv	88
56) 1,1,1,2-Tetrachloroethane	11.523	131	63590	0.572	ppbv #	1
57) Chlorobenzene	11.542	112	113692m	0.582	ppbv	
58) Ethyl Benzene	12.108	91	175734m	0.522	ppbv	
59) m/p-Xylene	12.384	91	314956m	1.091	ppbv	
60) o-Xylene	13.073	91	147983	0.538	ppbv	99
61) Styrene	12.918	104	61732	0.458	ppbv	94
62) Isopropylbenzene	14.044	105	235837	0.567	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.069	83	107483	0.549	ppbv	96
64) n-propylbenzene	14.934	120	61079m	0.570	ppbv	
65) tert-Butylbenzene	16.105	119	204186	0.552	ppbv	96
66) Benzyl Chloride	16.346	91	12484m	0.513	ppbv	
67) sec-Butylbenzene	16.658	105	291750m	0.558	ppbv	
69) p-Isopropyltoluene	17.011	119	233339	0.542	ppbv	98
70) n-Butylbenzene	17.908	91	235533	0.527	ppbv	97
71) 2-Chlorotoluene	14.818	91	169749	0.533	ppbv	97
72) 4-Ethyltoluene	15.211	105	172365m	0.538	ppbv	
73) 1,3,5-Trimethylbenzene	15.371	105	144884m	0.521	ppbv	
74) 1,2,4-Trimethylbenzene	16.121	105	166943	0.531	ppbv #	87
75) 1,3-Dichlorobenzene	16.349	146	97516	0.528	ppbv	92
76) 1,4-Dichlorobenzene	16.487	146	103081m	0.559	ppbv	
77) 1,2-Dichlorobenzene	17.162	146	109185m	0.591	ppbv	
78) Hexachloro-1,3-Butadiene	22.654	225	83741m	0.553	ppbv	
79) Naphthalene	21.416	128	68072m	0.249	ppbv	
81) 1,2,4-Trichlorobenzene	21.169	180	43378m	0.285	ppbv	

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

Manual Integrations APPROVED

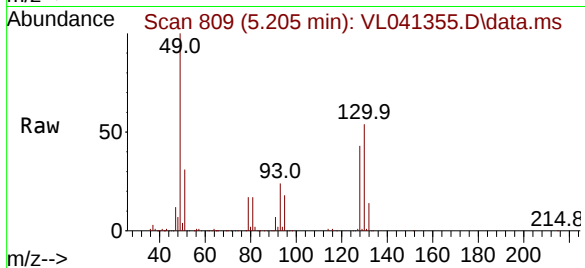
Quant Time: Jun 26 11:28:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Wed Jun 26 10:54:23 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.004 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

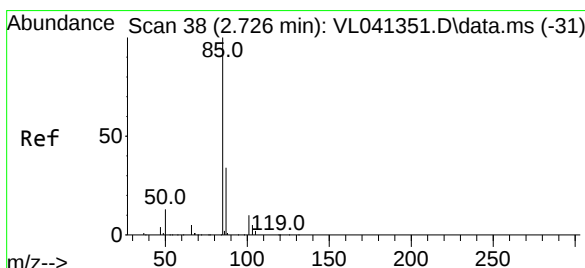
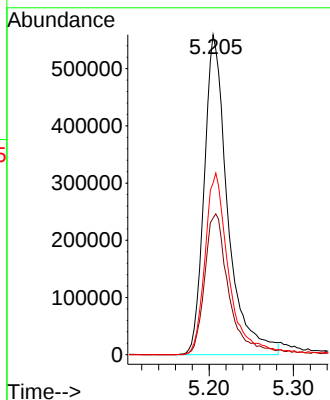
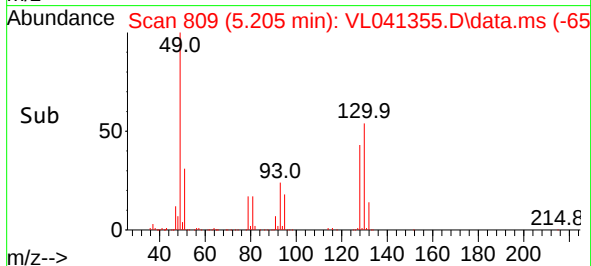
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 49 Resp: 1086028
Ion Ratio Lower Upper
49 100
128 47.2 22.8 68.3
130 59.7 28.9 86.7

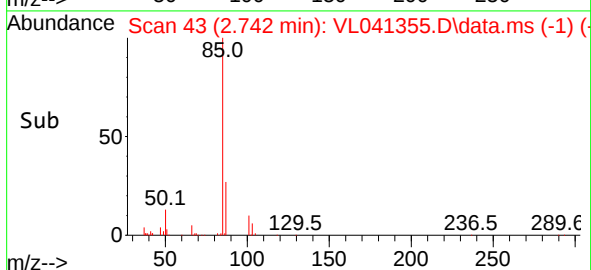
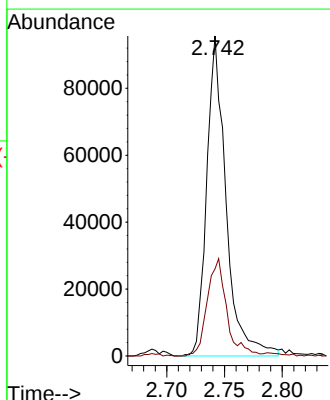
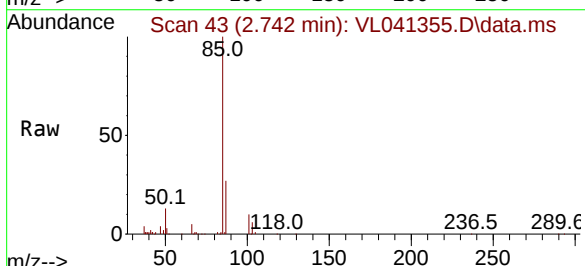
Manual Integrations
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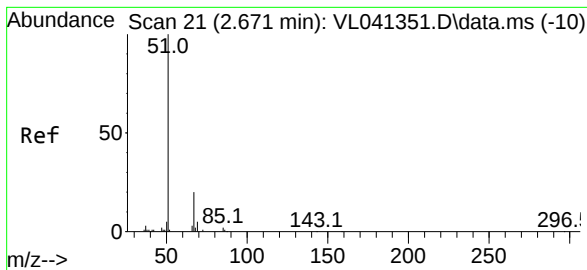
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#2
Dichlorodifluoromethane
Concen: 0.643 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.013 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 85 Resp: 111443
Ion Ratio Lower Upper
85 100
87 27.2 25.9 38.9





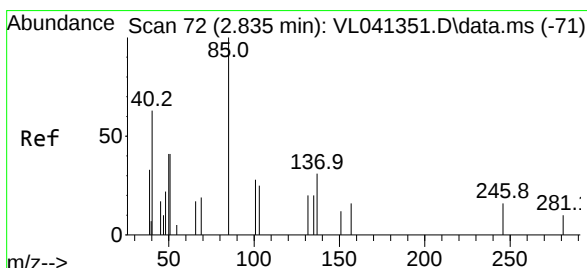
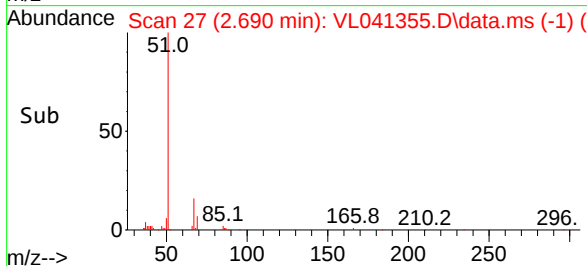
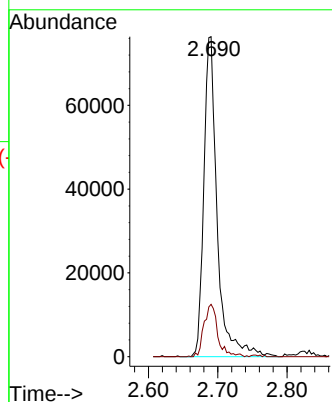
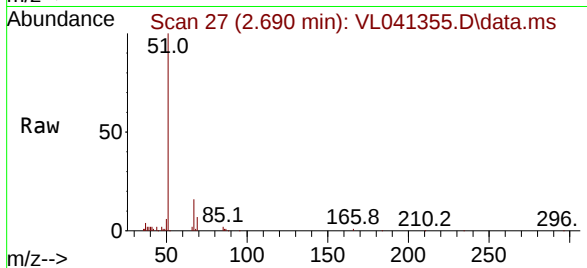
#3
Chlorodifluoromethane
Concen: 0.593 ppbv
RT: 2.690 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 51 Resp: 10184
Ion Ratio Lower Upper
51 100
67 17.4 14.3 21.5

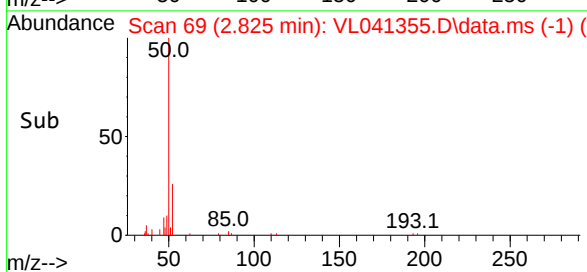
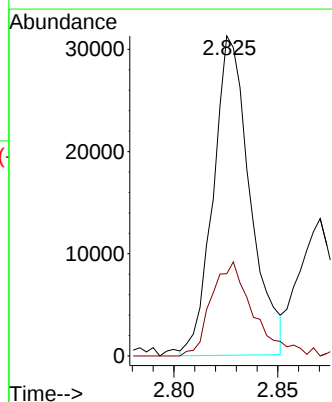
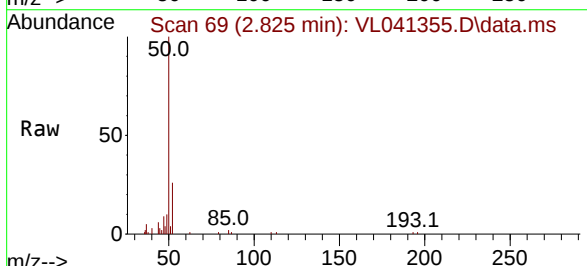
Manual Integrations
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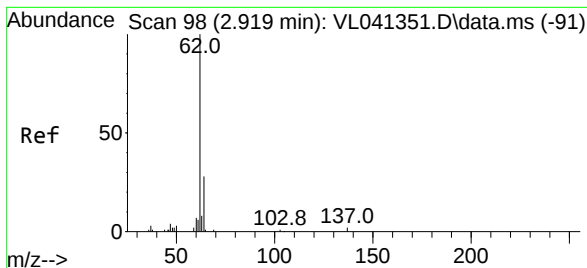
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#4
Chloromethane
Concen: 0.597 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.010 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 50 Resp: 38560
Ion Ratio Lower Upper
50 100
52 26.1 25.6 38.4





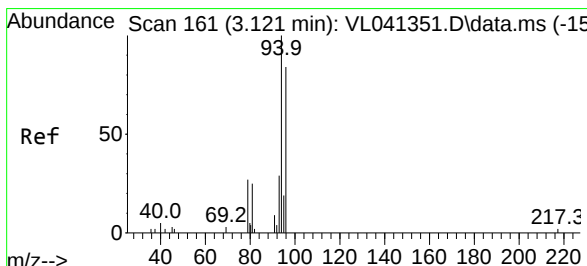
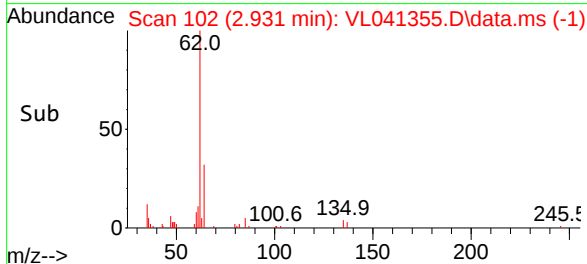
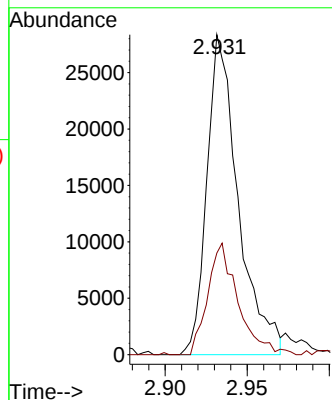
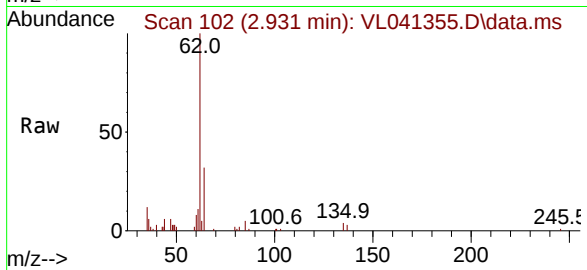
#5
 Vinyl Chloride
 Concen: 0.578 ppbv
 RT: 2.931 min Scan# 102
 Delta R.T. 0.010 min
 Lab File: VL041355.D
 Acq: 26 Jun 2024 10:53

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 62 Resp: 3759
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.0 37.6

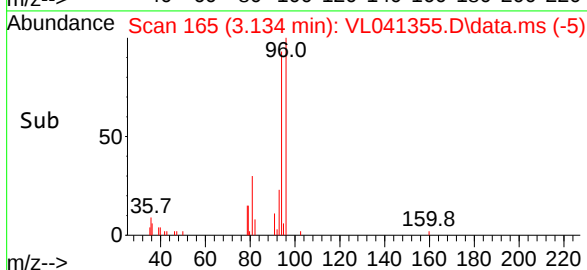
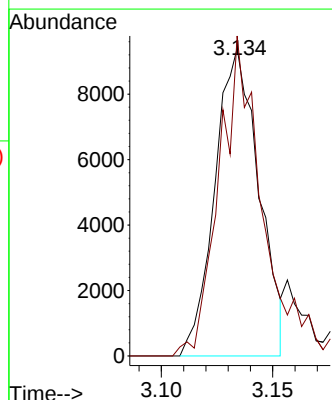
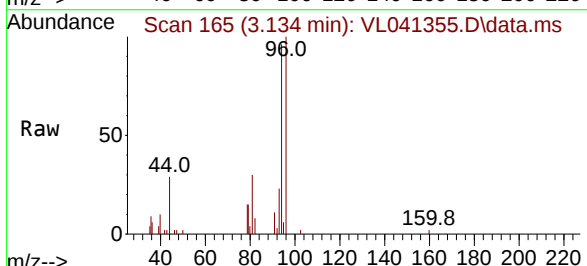
Manual Integrations
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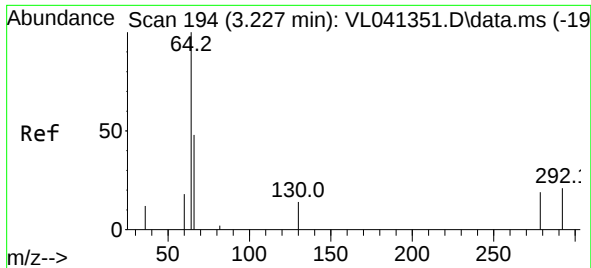
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#6
 Bromomethane
 Concen: 0.558 ppbv
 RT: 3.134 min Scan# 165
 Delta R.T. 0.013 min
 Lab File: VL041355.D
 Acq: 26 Jun 2024 10:53

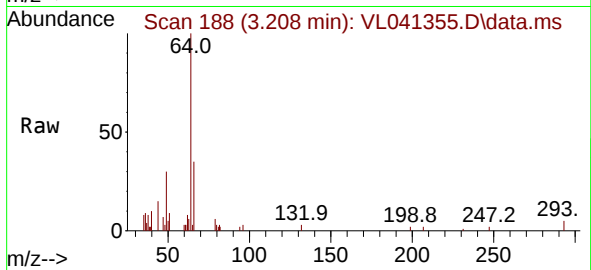
Tgt Ion: 94 Resp: 12903
 Ion Ratio Lower Upper
 94 100
 96 101.1 71.0 106.4





#7
Chloroethane
Concen: 0.563 ppbv
RT: 3.208 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

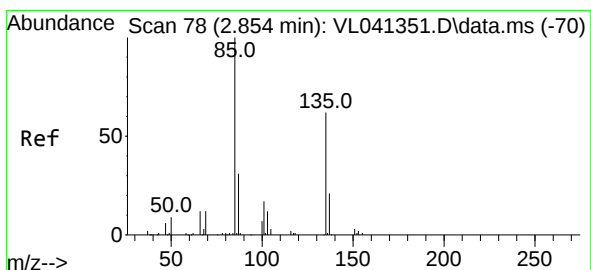
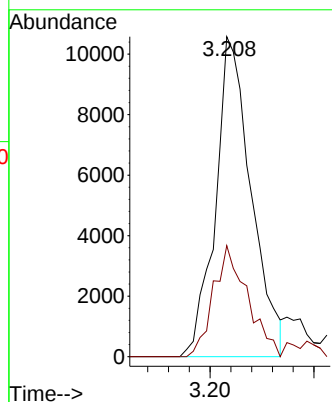
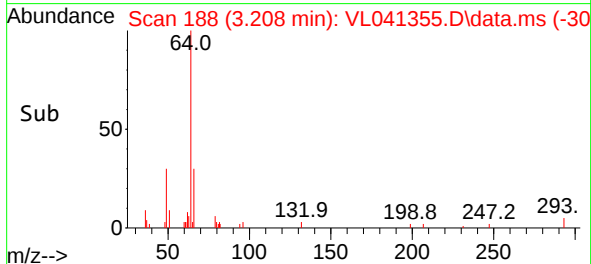
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 64 Resp: 1262
Ion Ratio Lower Upper
64 100
66 34.7 24.6 36.8

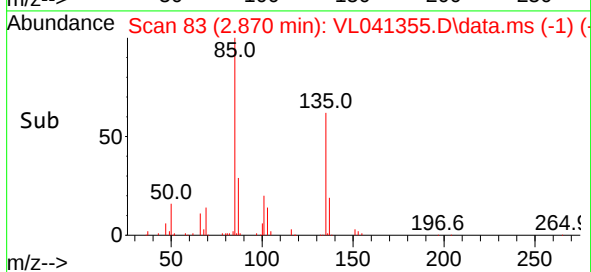
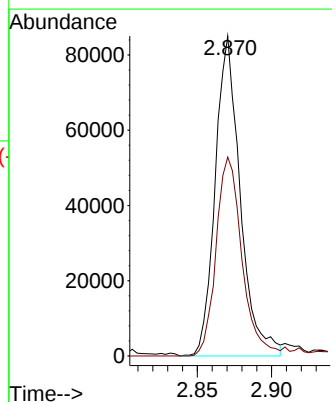
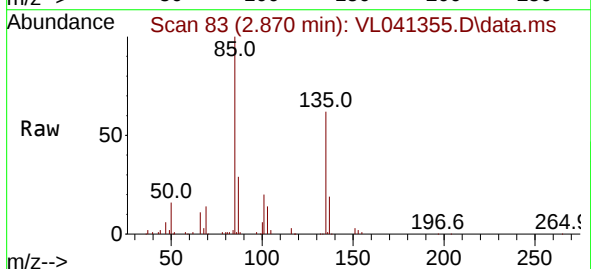
Manual Integrations
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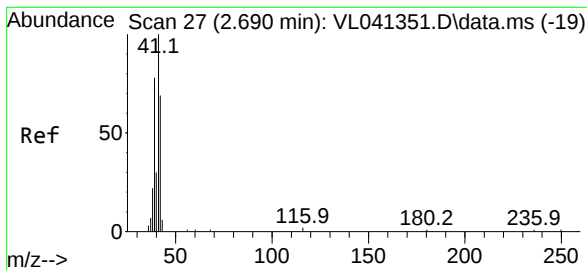
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#8
Dichlorotetrafluoroethane
Concen: 0.625 ppbv
RT: 2.870 min Scan# 83
Delta R.T. 0.013 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 85 Resp: 99751
Ion Ratio Lower Upper
85 100
135 67.3 53.7 80.5





#9

Propene

Concen: 0.606 ppbv

RT: 2.706 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

ClientSampleId :

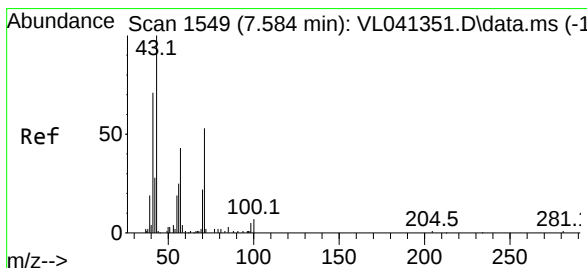
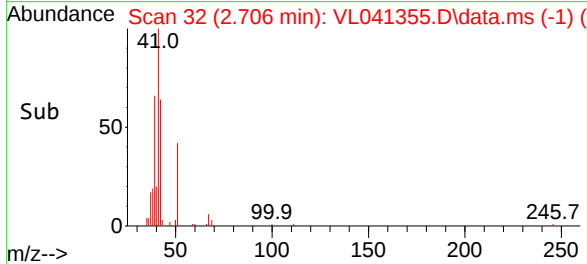
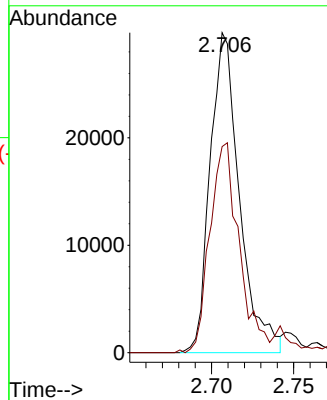
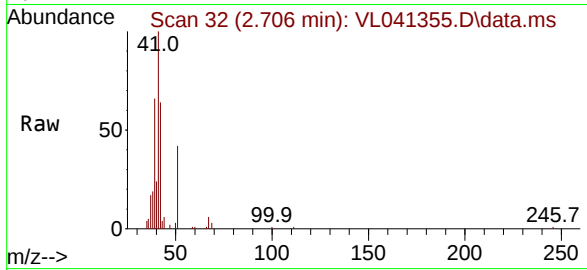
VSTDICC0.5

Tgt Ion: 41 Resp: 37019
 Ion Ratio Lower Upper
 41 100
 42 71.9 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#10

Heptane

Concen: 0.536 ppbv m

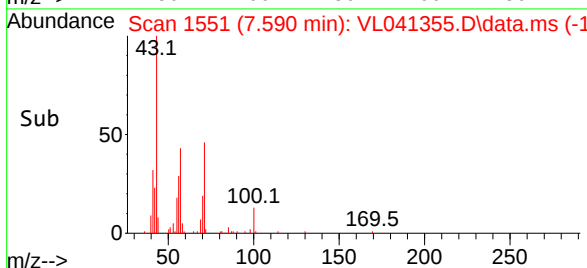
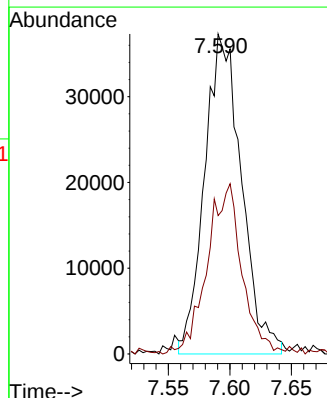
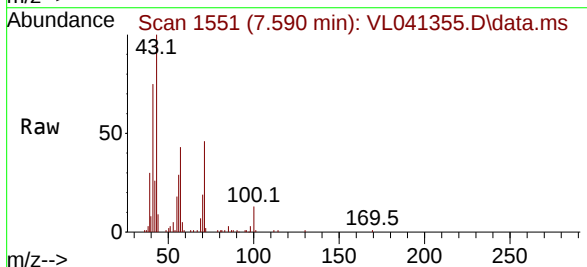
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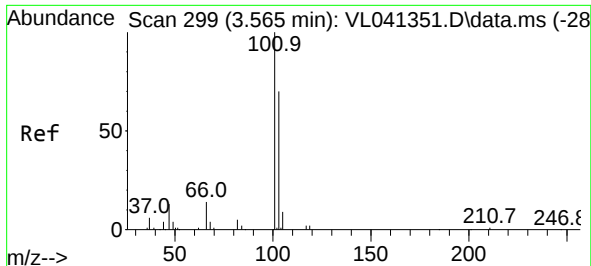
Delta R.T. -0.003 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Tgt Ion: 43 Resp: 77688
 Ion Ratio Lower Upper
 43 100
 57 52.3 40.3 60.5





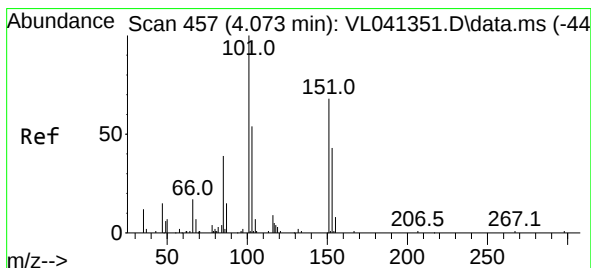
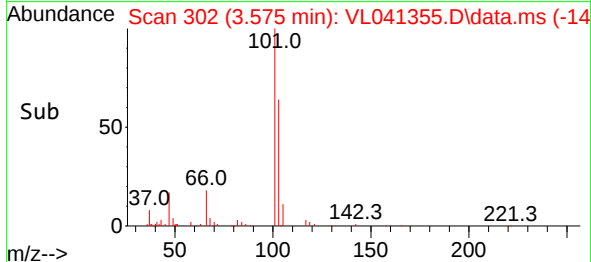
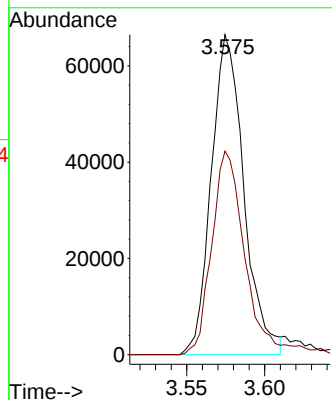
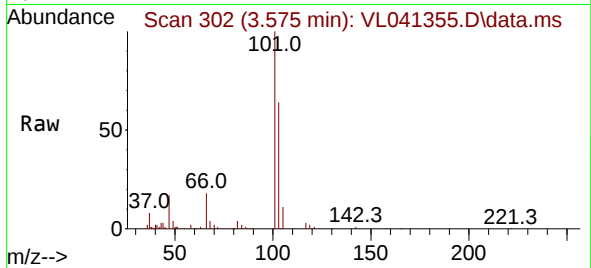
#11
Trichlorofluoromethane
Concen: 0.605 ppbv
RT: 3.575 min Scan# 302
Delta R.T. 0.006 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:101 Resp: 96458
Ion Ratio Lower Upper
101 100
103 63.6 50.5 75.7

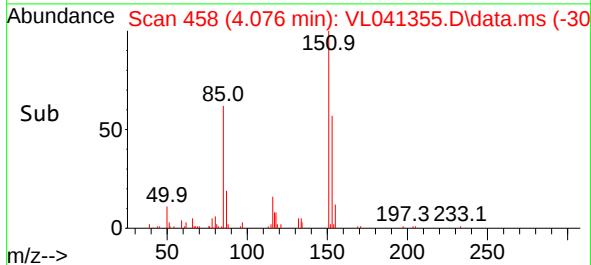
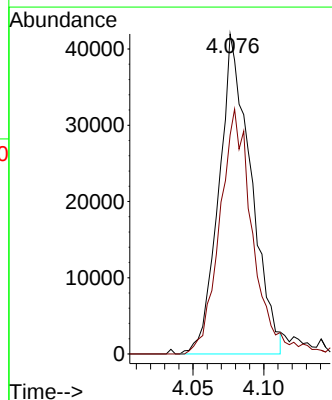
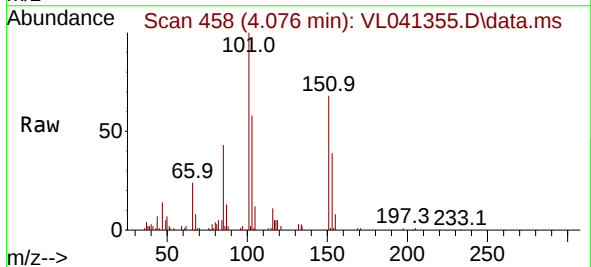
Manual Integrations
APPROVED

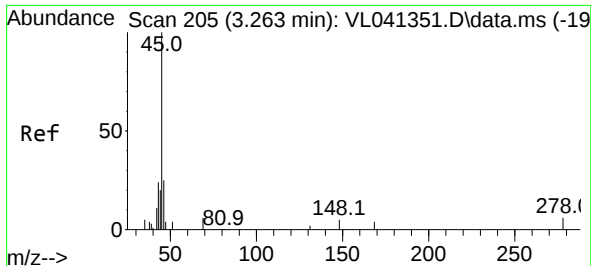
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.588 ppbv
RT: 4.076 min Scan# 458
Delta R.T. 0.006 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

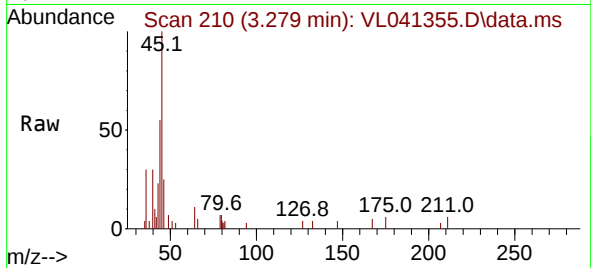
Tgt Ion:101 Resp: 66200
Ion Ratio Lower Upper
101 100
151 79.5 57.0 85.6





#13
Ethanol
Concen: 0.416 ppbv m
RT: 3.279 min Scan# 210
Delta R.T. 0.029 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

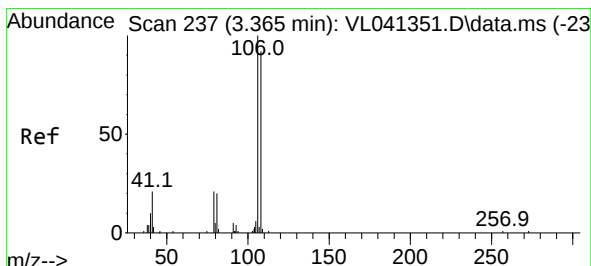
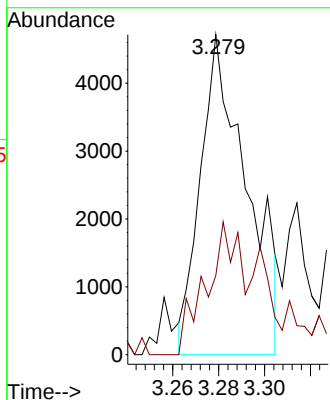
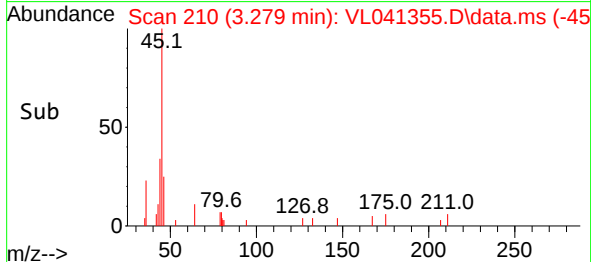
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



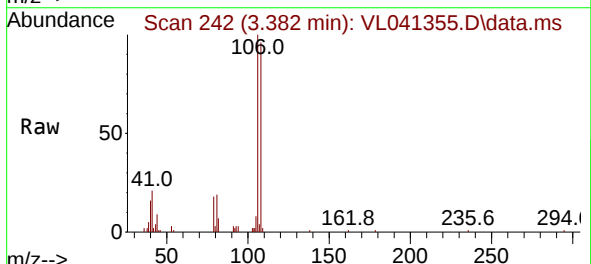
Tgt Ion: 45 Resp: 6610
Ion Ratio Lower Upper
45 100
46 58.1 13.3 53.3

Manual Integrations
APPROVED

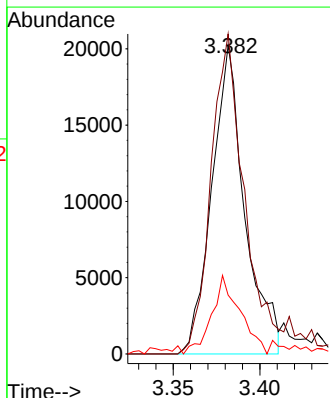
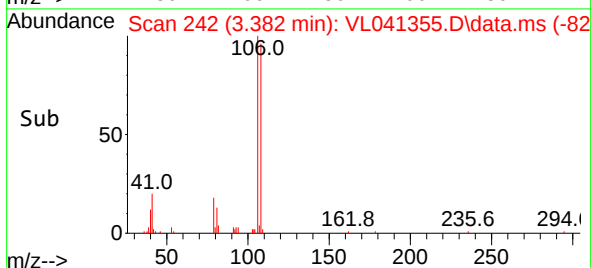
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

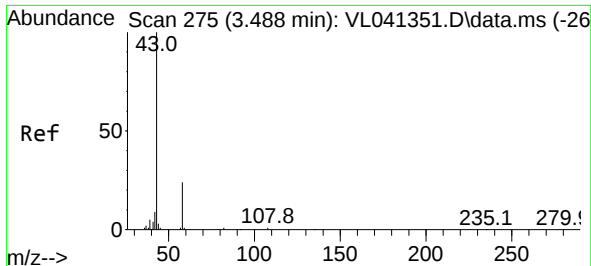


#14
Bromoethene
Concen: 0.588 ppbv
RT: 3.382 min Scan# 242
Delta R.T. 0.013 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53



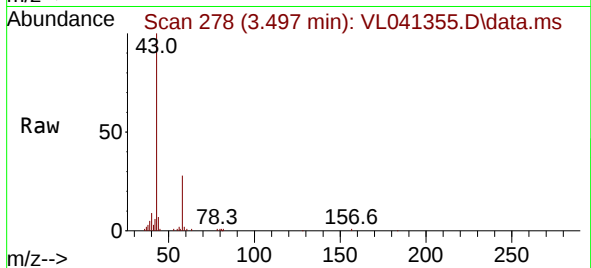
Tgt Ion:108 Resp: 26798
Ion Ratio Lower Upper
108 100
106 114.7 85.5 128.3
79 26.5 16.3 24.5





#15
Acetone
Concen: 0.583 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

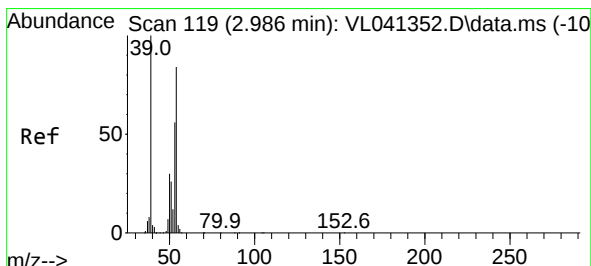
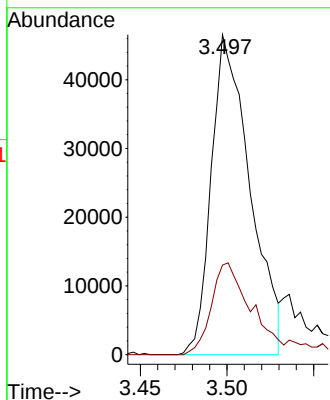
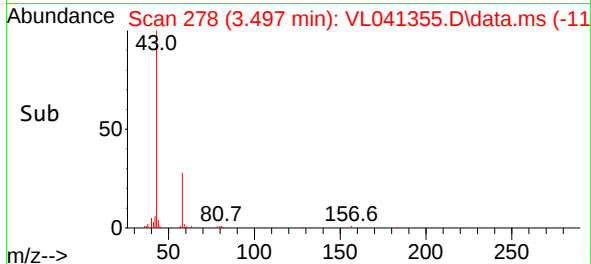
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 72262
Ion Ratio Lower Upper
43 100
58 34.0 20.3 30.5

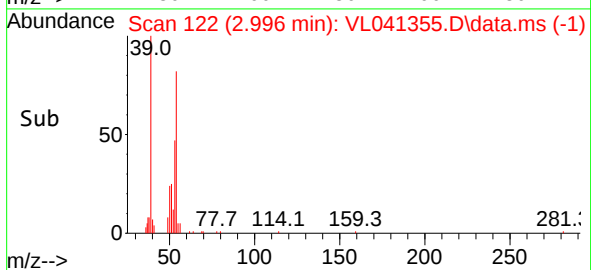
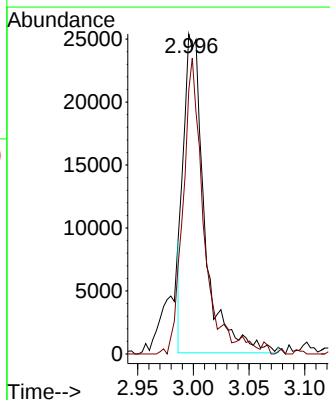
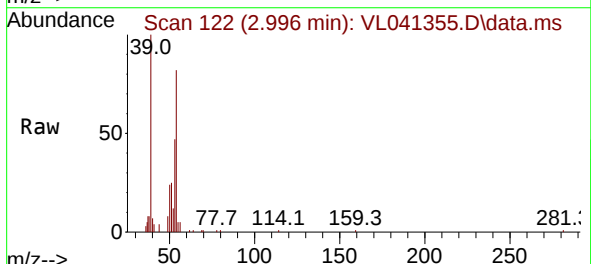
Manual Integrations
APPROVED

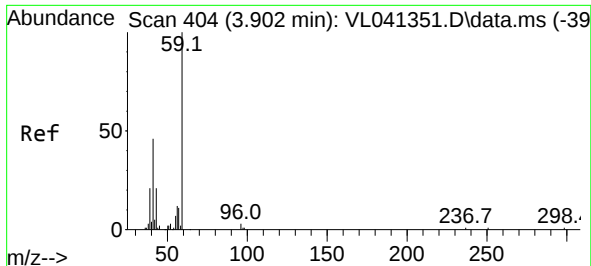
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#16
1,3-Butadiene
Concen: 0.538 ppbv m
RT: 2.996 min Scan# 122
Delta R.T. 0.010 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 39 Resp: 33553
Ion Ratio Lower Upper
39 100
54 0.0 60.5 90.7#





#17

tert-Butyl alcohol

Concen: 0.407 ppbv

RT: 3.912 min Scan# 407

Delta R.T. 0.026 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 59 Resp: 4650

Ion Ratio Lower Upper

59 100

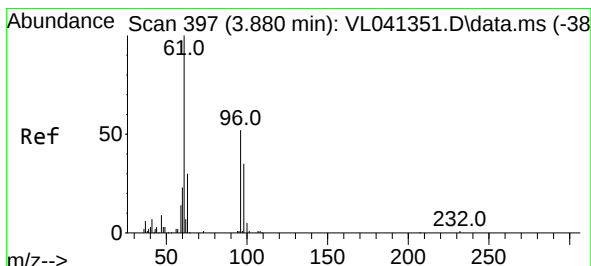
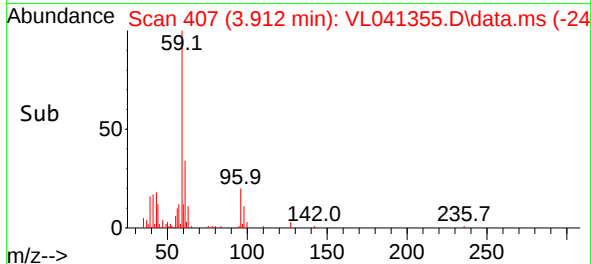
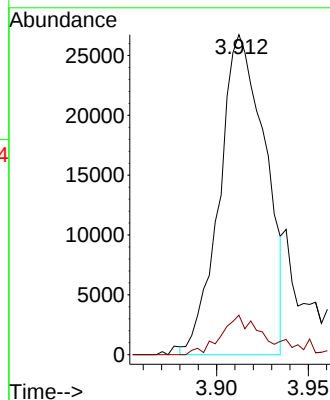
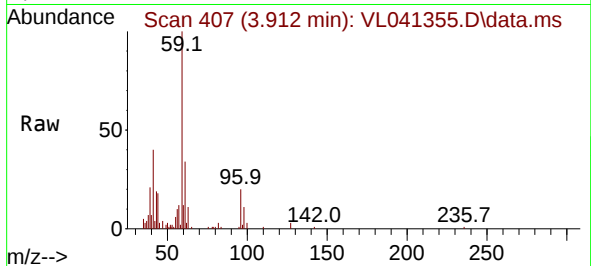
57 12.6 8.4 12.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#18

1,1-Dichloroethene

Concen: 0.608 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.006 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

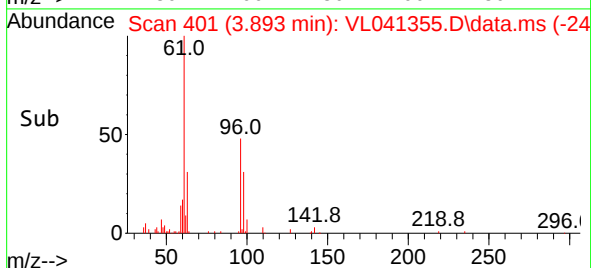
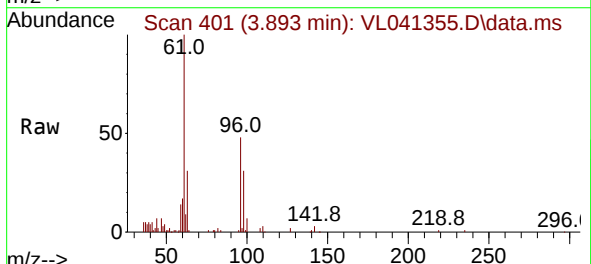
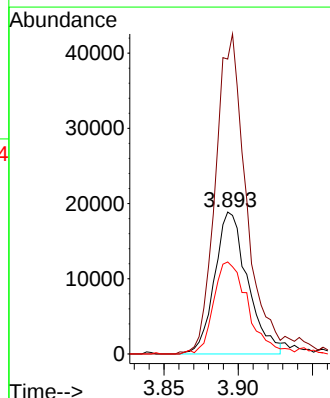
Tgt Ion: 96 Resp: 29201

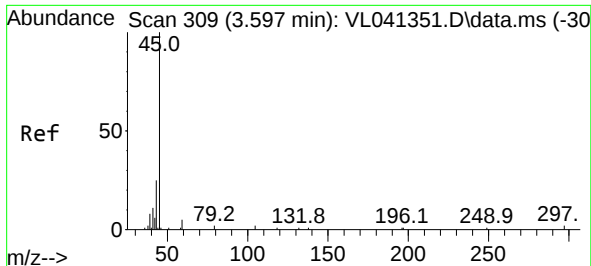
Ion Ratio Lower Upper

96 100

61 206.2 160.3 240.5

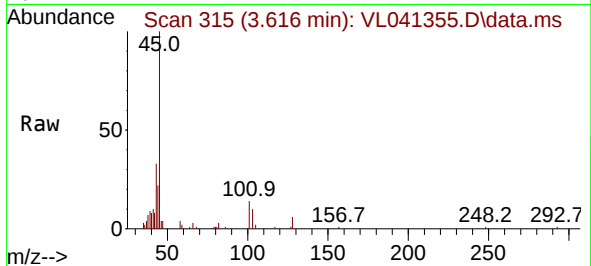
98 64.8 51.6 77.4





#19
Isopropyl Alcohol
Concen: 0.421 ppbv
RT: 3.616 min Scan# 315
Delta R.T. 0.032 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

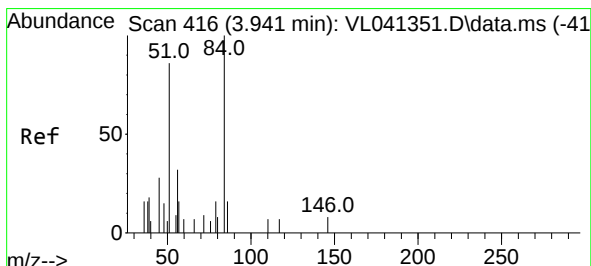
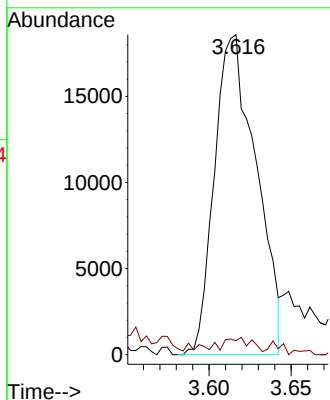
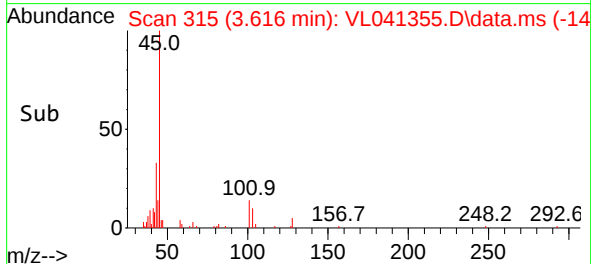
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



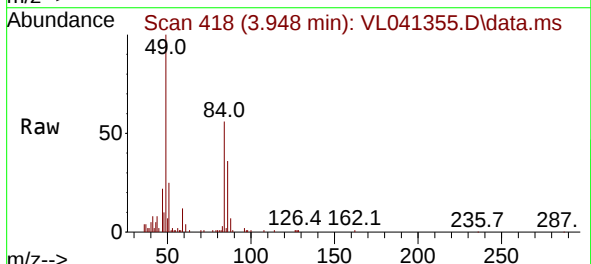
Tgt Ion: 45 Resp: 3280
Ion Ratio Lower Upper
45 100
58 5.1 1.6 2.4

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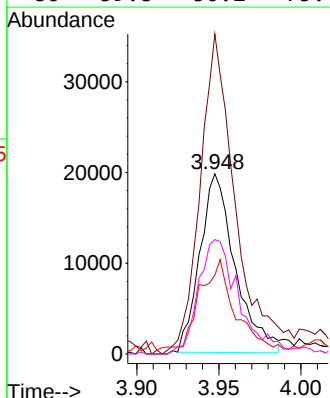
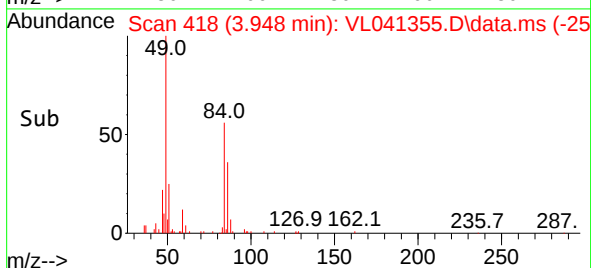
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

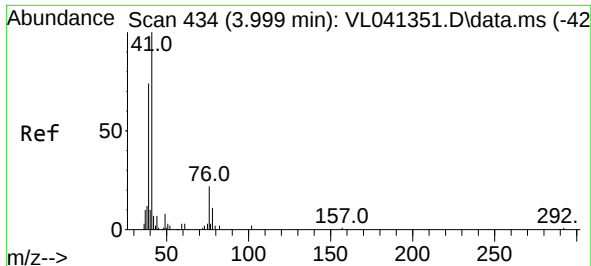


#20
Methylene Chloride
Concen: 0.654 ppbv
RT: 3.948 min Scan# 418
Delta R.T. 0.010 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53



Tgt Ion: 84 Resp: 29480
Ion Ratio Lower Upper
84 100
49 171.7 131.8 197.6
51 39.4 39.6 59.4#
86 59.8 50.2 75.4





#21

Allyl Chloride

Concen: 0.578 ppbv

RT: 4.012 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

ClientSampleId :

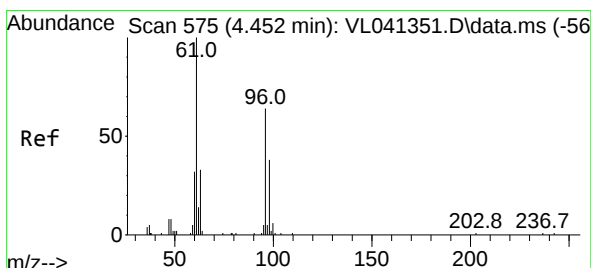
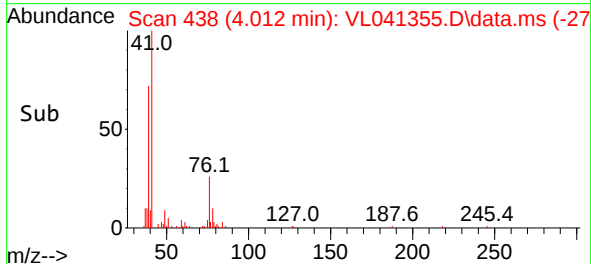
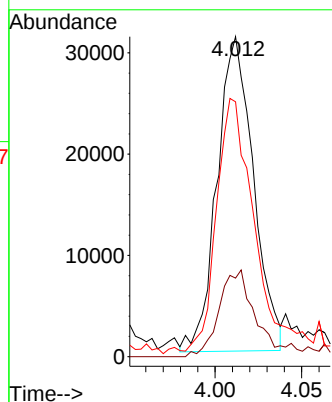
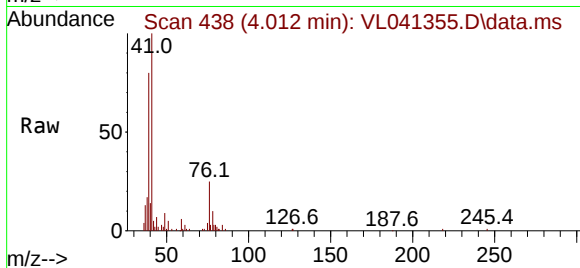
VSTDIC0.5

Tgt Ion: 41	Resp: 45374
Ion Ratio	Lower Upper
41 100	
76 30.3	23.3 34.9
39 91.7	66.0 99.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#22

trans-1,2-Dichloroethene

Concen: 0.576 ppbv

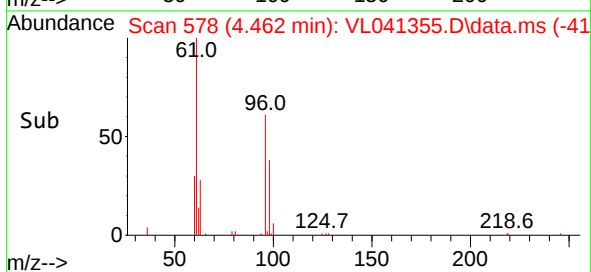
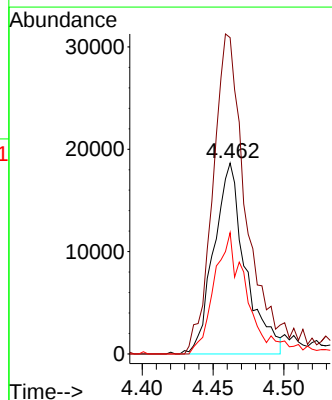
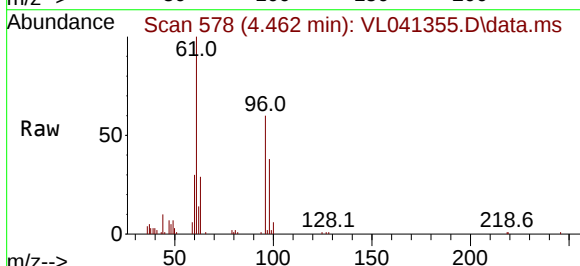
RT: 4.462 min Scan# 578

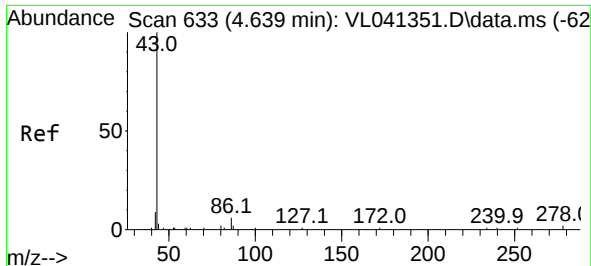
Delta R.T. 0.010 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Tgt Ion: 96	Resp: 28837		
Ion Ratio	Lower	Upper	
96	100		
61	165.7	142.0	213.0
98	63.6	52.2	78.2





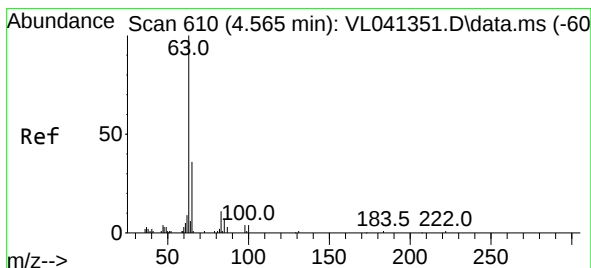
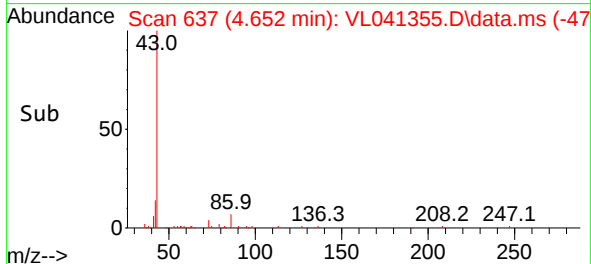
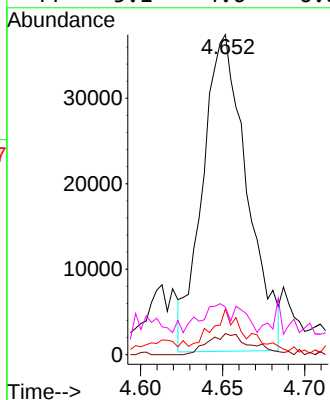
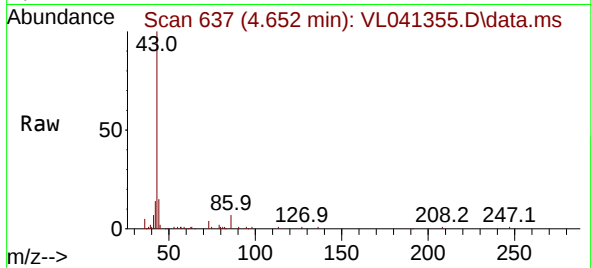
#23
 Vinyl Acetate
 Concen: 0.547 ppbv
 RT: 4.652 min Scan# 613
 Delta R.T. 0.016 min
 Lab File: VL041355.D
 Acq: 26 Jun 2024 10:53

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 43 Resp: 69424
 Ion Ratio Lower Upper
 43 100
 86 8.0 5.0 7.4
 42 14.2 7.9 11.9
 44 5.1 4.6 6.8

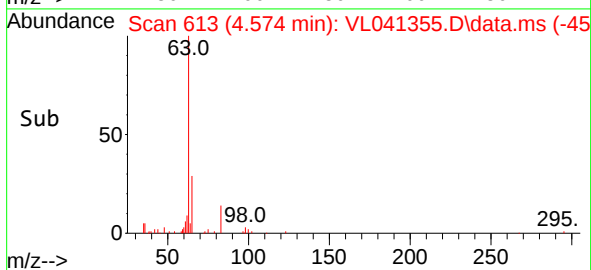
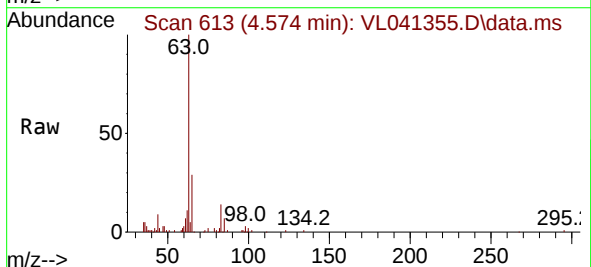
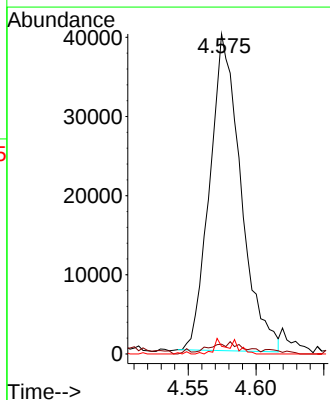
Manual Integrations
 APPROVED

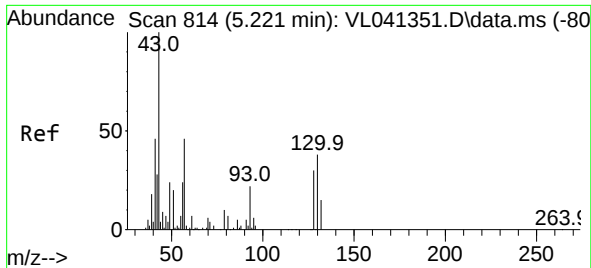
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#24
 1,1-Dichloroethane
 Concen: 0.573 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. 0.003 min
 Lab File: VL041355.D
 Acq: 26 Jun 2024 10:53

Tgt Ion: 63 Resp: 63872
 Ion Ratio Lower Upper
 63 100
 98 3.1 1.8 5.4
 100 2.5 1.1 3.3





#25

Ethyl Acetate

Concen: 0.550 ppbv

RT: 5.227 min Scan# 816

Delta R.T. 0.013 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 43 Resp: 135014

Ion Ratio Lower Upper

43 100

45 11.4 8.3 12.5

61 11.4 7.7 11.5

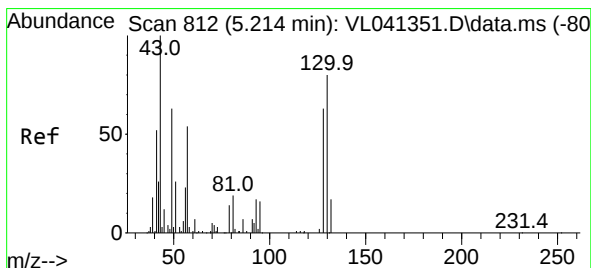
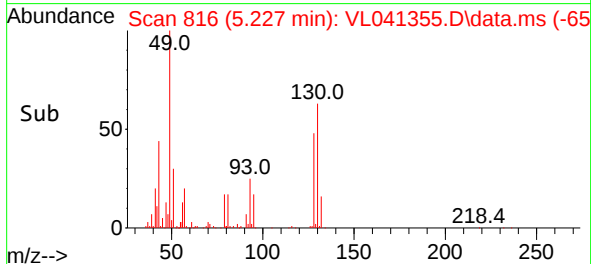
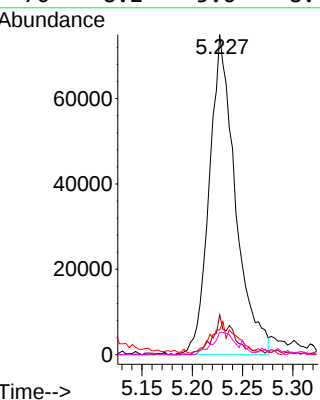
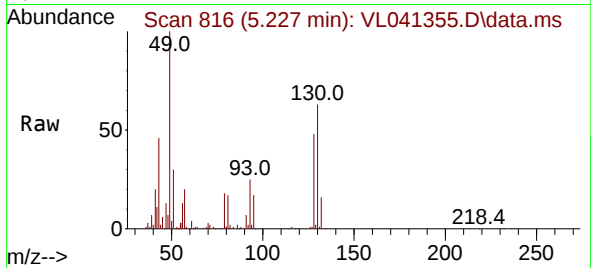
70 8.2 5.6 8.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#26

Hexane

Concen: 0.550 ppbv

RT: 5.227 min Scan# 816

Delta R.T. 0.006 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Tgt Ion: 57 Resp: 60677

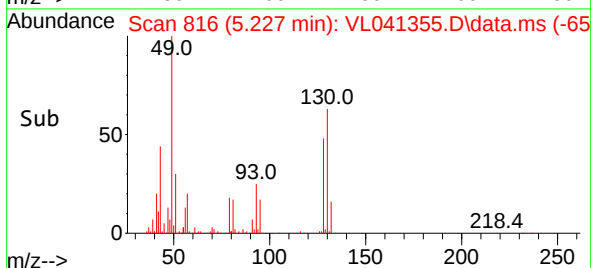
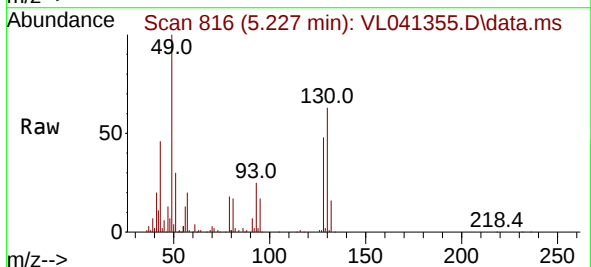
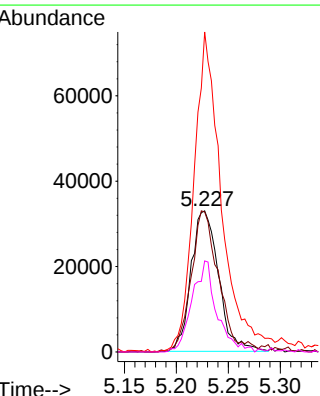
Ion Ratio Lower Upper

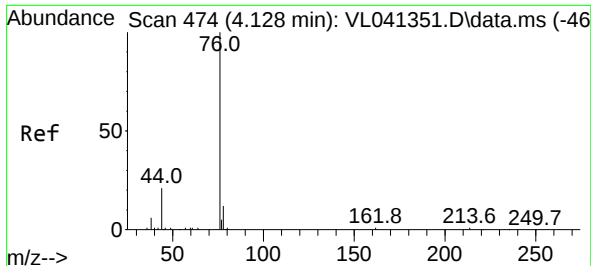
57 100

41 104.7 73.7 110.5

43 235.8 182.2 273.2

56 58.6 41.8 62.6





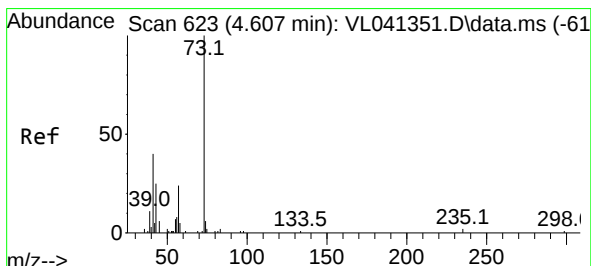
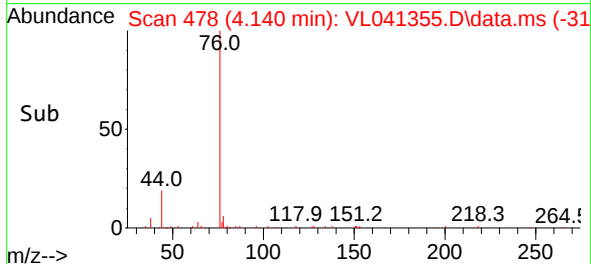
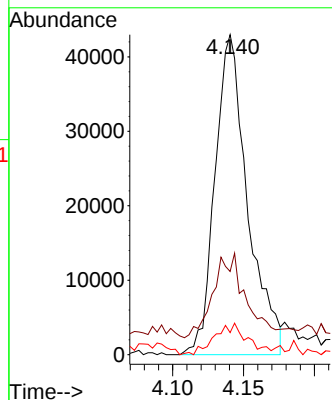
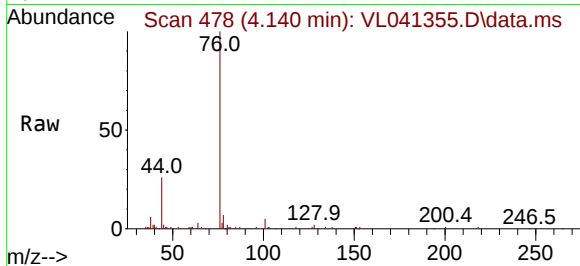
#27
Carbon Disulfide
Concen: 0.564 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 76 Resp: 68900
Ion Ratio Lower Upper
76 100
44 28.0 17.4 26.2
78 11.3 7.3 10.9

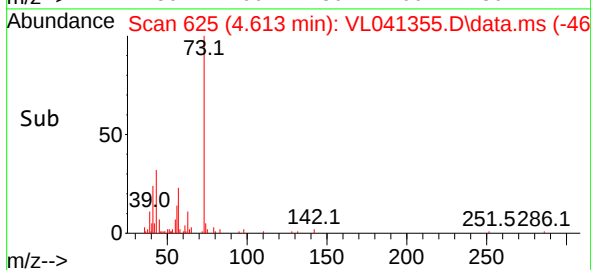
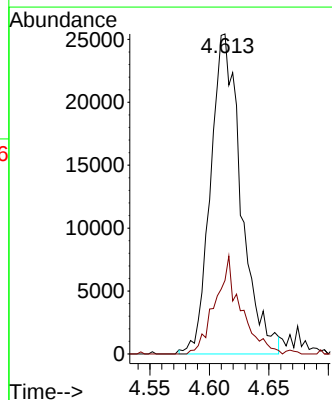
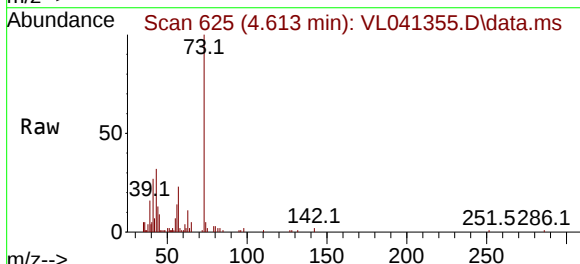
Manual Integrations
APPROVED

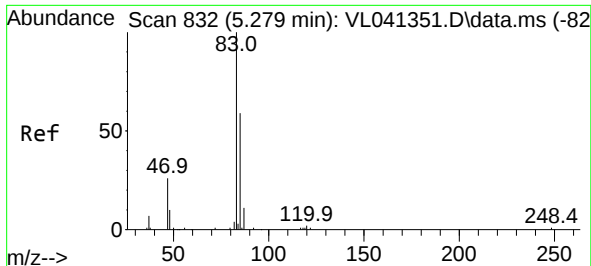
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#28
Methyl tert-Butyl Ether
Concen: 0.556 ppbv m
RT: 4.613 min Scan# 625
Delta R.T. 0.019 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 73 Resp: 45430
Ion Ratio Lower Upper
73 100
57 0.0 19.9 29.9





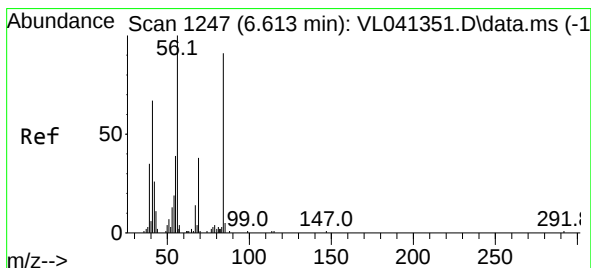
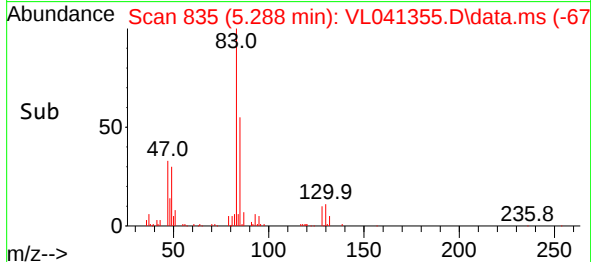
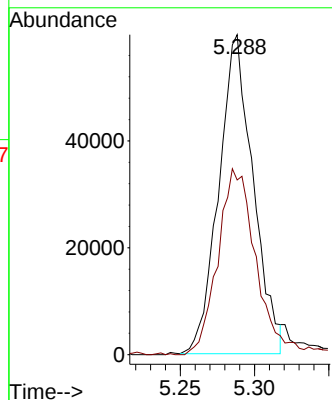
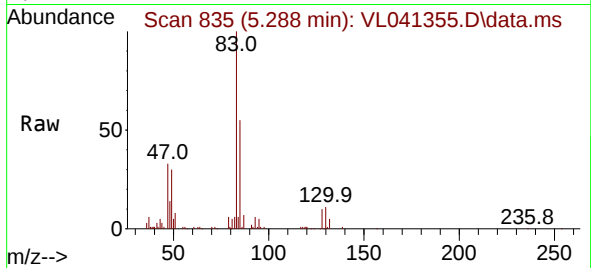
#29
Chloroform
Concen: 0.567 ppbv
RT: 5.288 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 9604
Ion Ratio Lower Upper
83 100
85 54.8 54.2 81.4

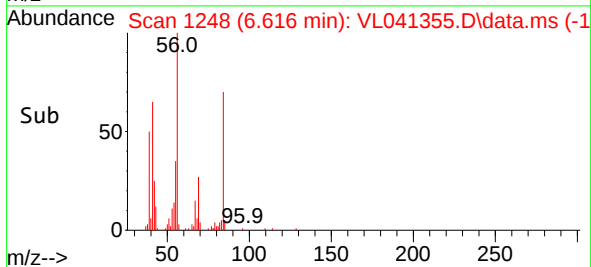
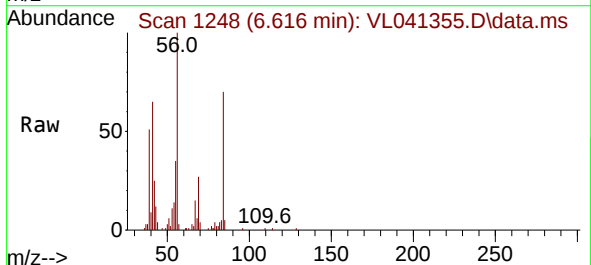
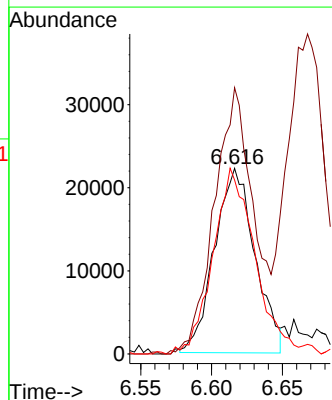
Manual Integrations
APPROVED

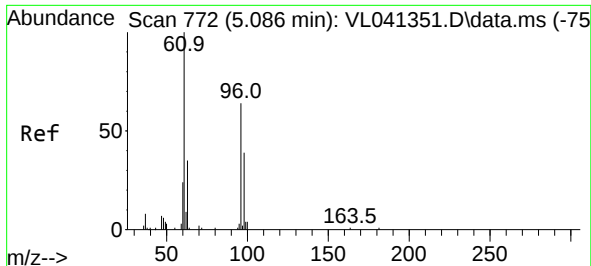
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#30
Cyclohexane
Concen: 0.494 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 84 Resp: 44148
Ion Ratio Lower Upper
84 100
56 135.7 112.4 168.6
41 106.1 72.7 109.1





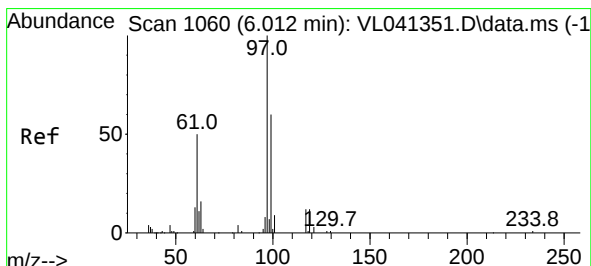
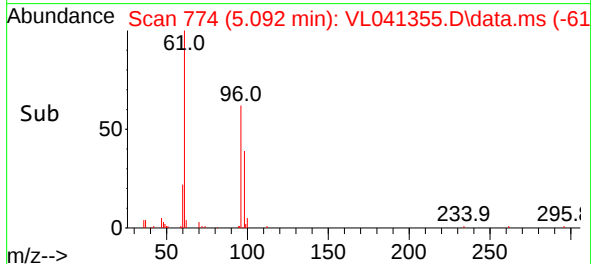
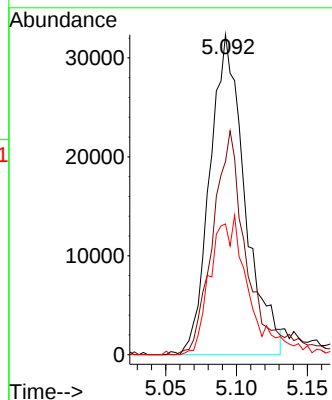
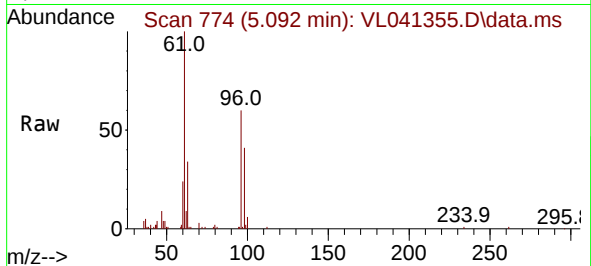
#31
cis-1,2-Dichloroethene
Concen: 0.534 ppbv
RT: 5.092 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 61 Resp: 5568
Ion Ratio Lower Upper
61 100
96 59.6 52.6 79.0
98 40.9 32.3 48.5

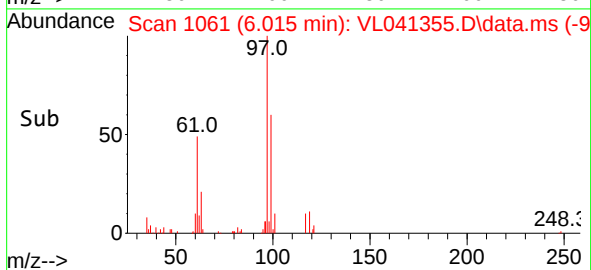
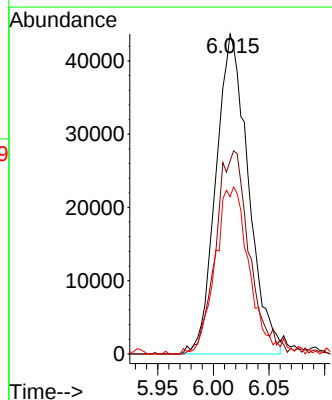
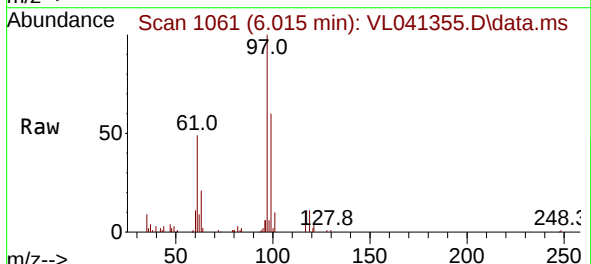
Manual Integrations
APPROVED

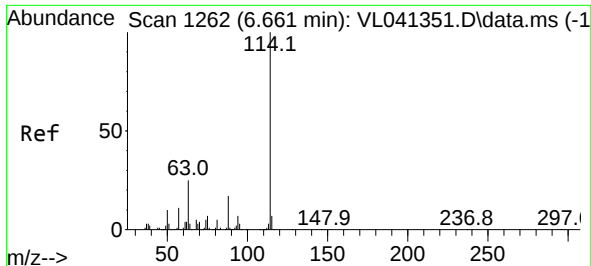
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#32
1,1,1-Trichloroethane
Concen: 0.551 ppbv
RT: 6.015 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

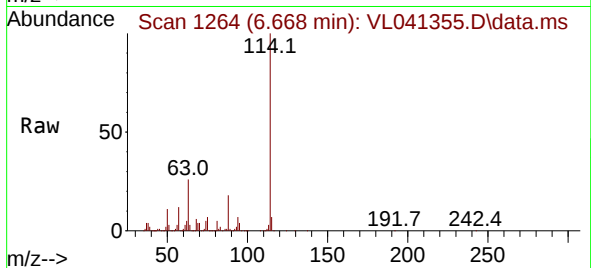
Tgt Ion: 97 Resp: 88404
Ion Ratio Lower Upper
97 100
99 66.6 52.0 78.0
61 56.3 43.0 64.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

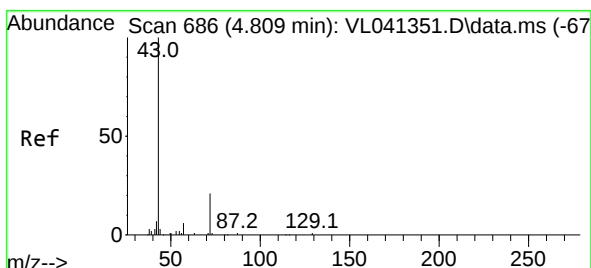
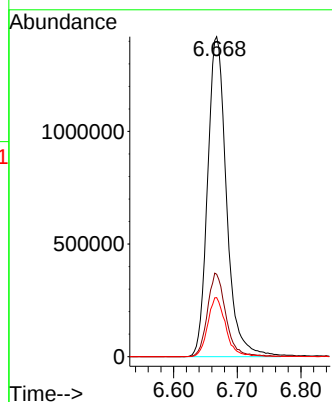
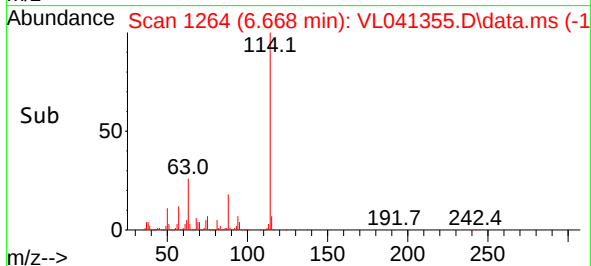
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:114 Resp: 2925160
Ion Ratio Lower Upper
114 100
63 25.8 20.6 31.0
88 17.8 14.6 21.8

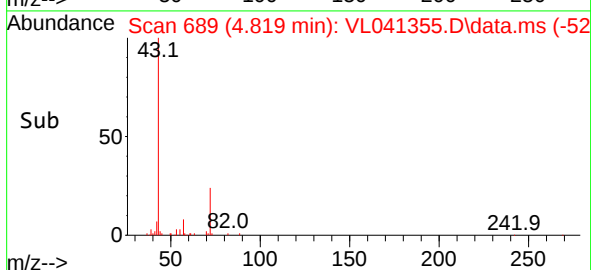
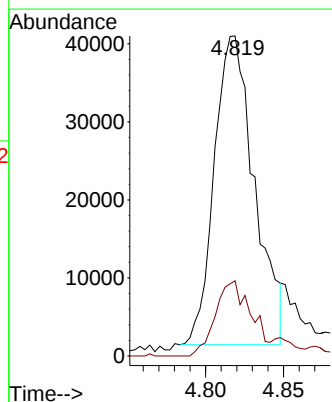
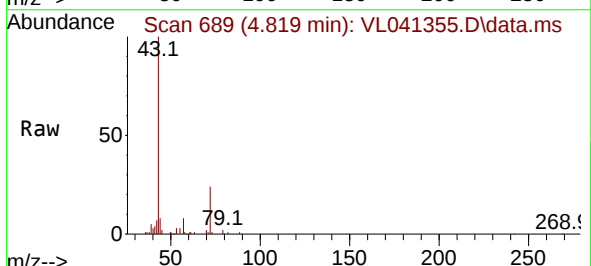
Manual Integrations
APPROVED

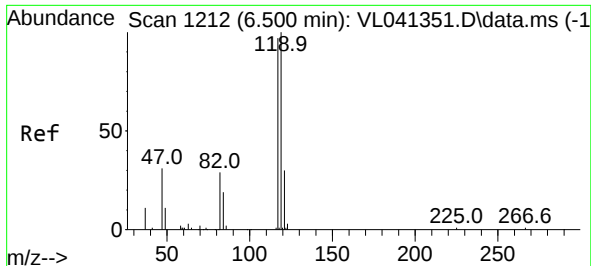
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#34
2-Butanone
Concen: 0.507 ppbv
RT: 4.819 min Scan# 689
Delta R.T. 0.023 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 43 Resp: 70980
Ion Ratio Lower Upper
43 100
72 26.8 17.2 25.8#





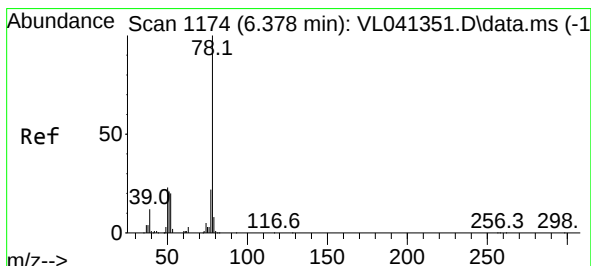
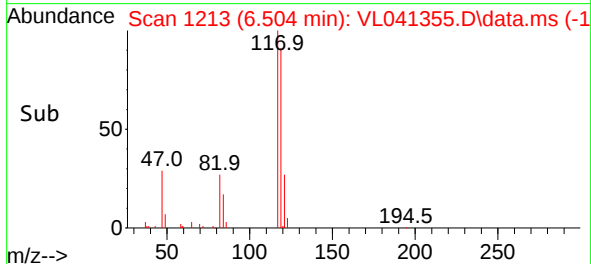
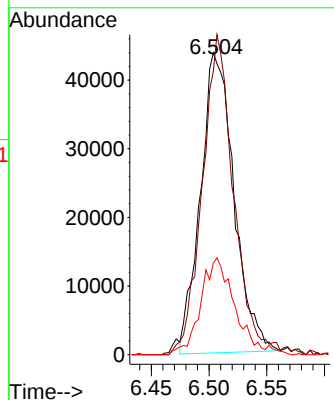
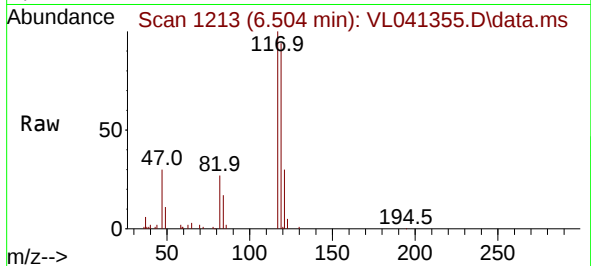
#35
Carbon Tetrachloride
Concen: 0.531 ppbv
RT: 6.504 min Scan# 1176
Delta R.T. -0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 117 Resp: 88220
Ion Ratio Lower Upper
117 100
119 93.6 77.2 115.8
121 29.6 25.2 37.8

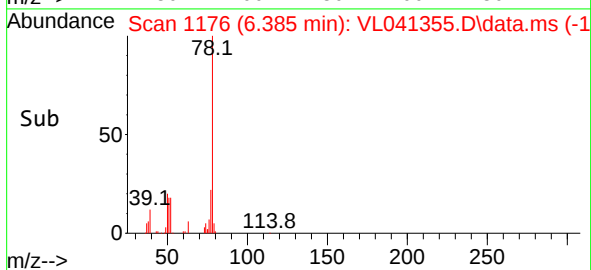
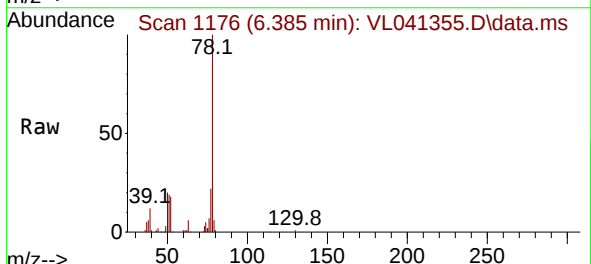
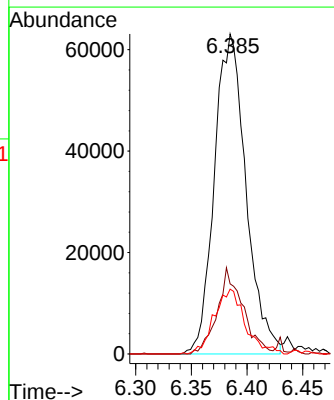
Manual Integrations
APPROVED

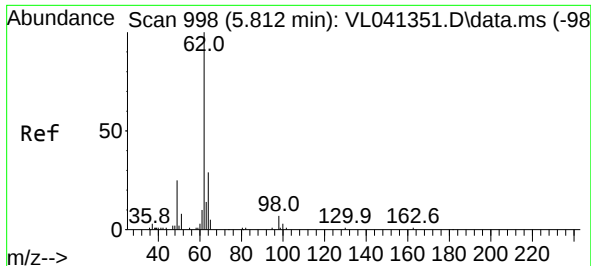
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#36
Benzene
Concen: 0.549 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 78 Resp: 124529
Ion Ratio Lower Upper
78 100
77 21.9 17.9 26.9
50 20.2 15.5 23.3





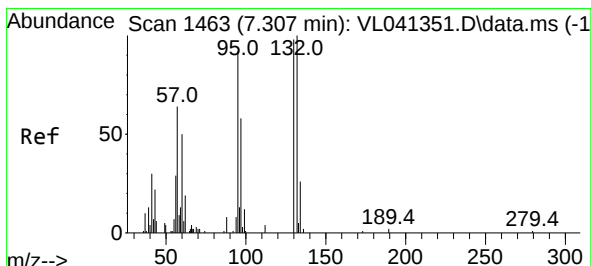
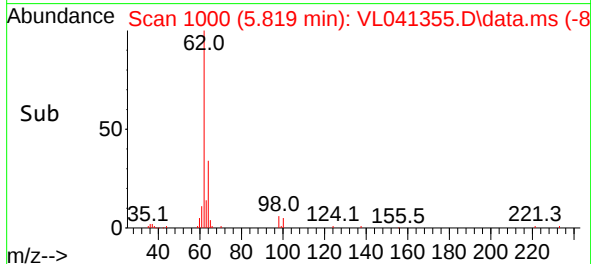
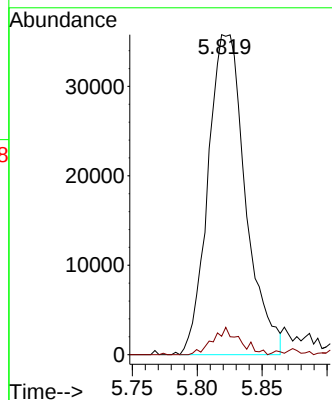
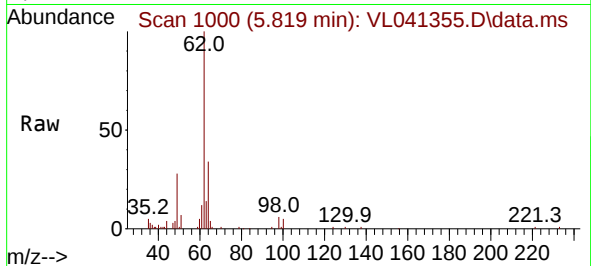
#37
1,2-Dichloroethane
Concen: 0.543 ppbv
RT: 5.819 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 62 Resp: 7181
Ion Ratio Lower Upper
62 100
98 6.4 4.8 7.2

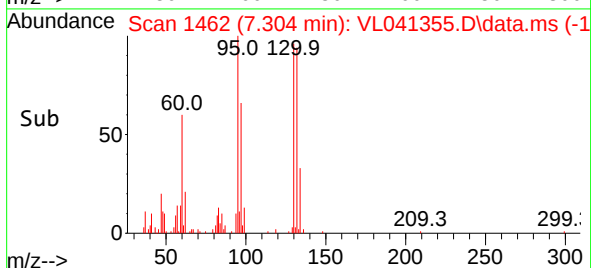
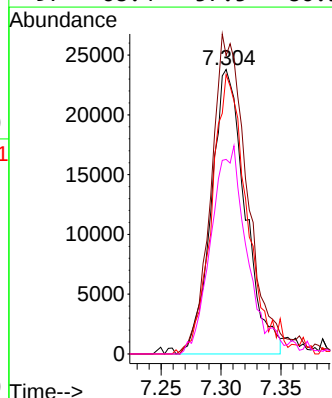
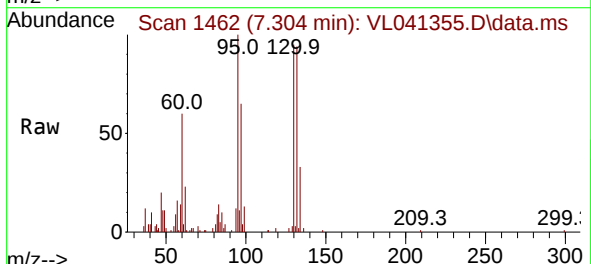
Manual Integrations
APPROVED

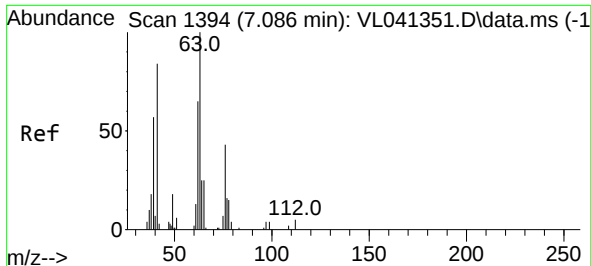
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#38
Trichloroethene
Concen: 0.510 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. -0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion:130 Resp: 46857
Ion Ratio Lower Upper
130 100
95 103.9 90.0 135.0
132 98.2 74.8 112.2
97 68.4 57.5 86.3





#39

1,2-Dichloropropane

Concen: 0.542 ppbv

RT: 7.086 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

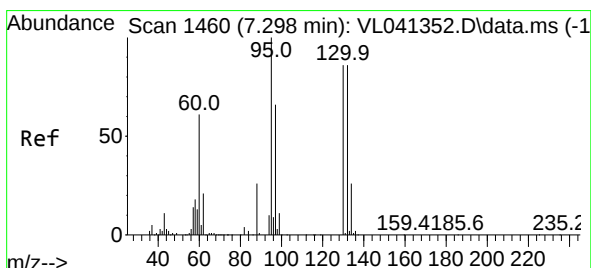
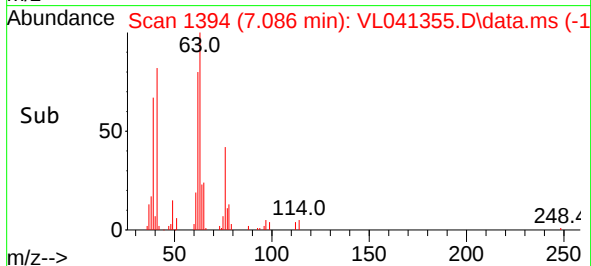
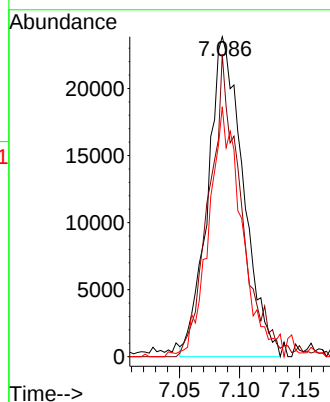
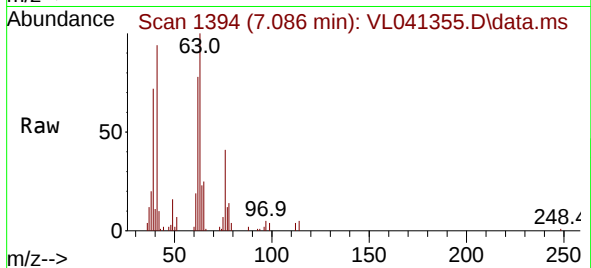
Tgt Ion: 63 Resp: 48930

Ion	Ratio	Lower	Upper
63	100		
41	93.3	64.0	96.0
62	76.5	55.2	82.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#40

1,4-Dioxane

Concen: 0.493 ppbv m

RT: 7.340 min Scan# 1473

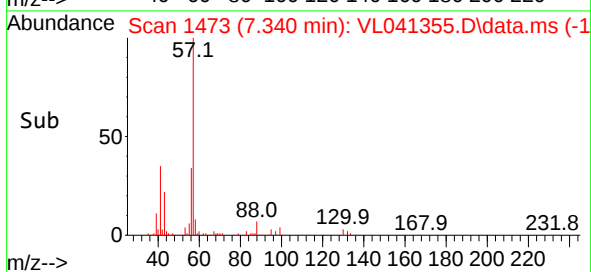
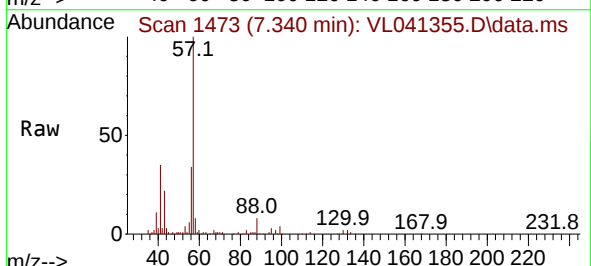
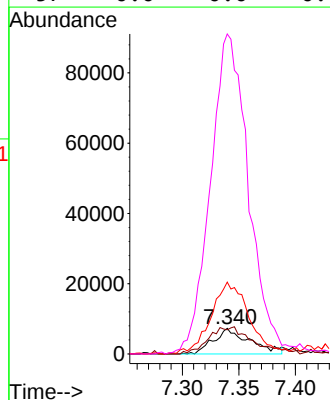
Delta R.T. 0.042 min

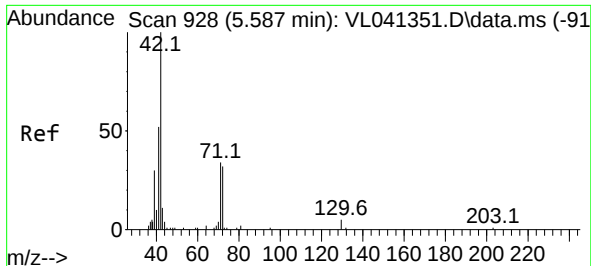
Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Tgt Ion: 88 Resp: 16309

Ion	Ratio	Lower	Upper
88	100		
58	0.0	47.9	71.9#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 0.534 ppbv

RT: 5.597 min Scan# 91

Delta R.T. 0.032 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

ClientSampleId :

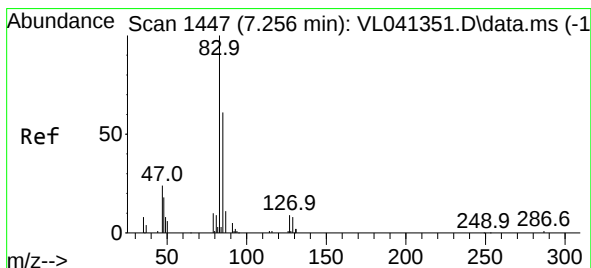
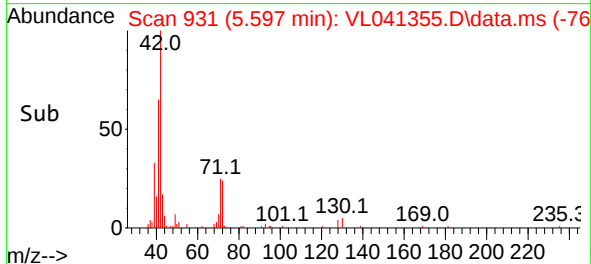
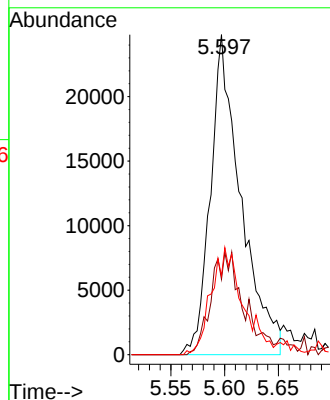
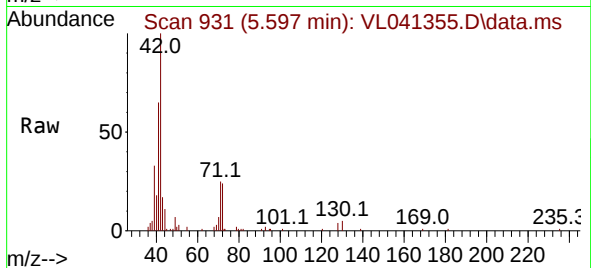
VSTDIC0.5

Tgt Ion:	42	Resp:	48672
Ion Ratio	Lower	Upper	
42	100		
72	38.5	30.3	45.5
71	36.9	29.7	44.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#42

Bromodichloromethane

Concen: 0.513 ppbv

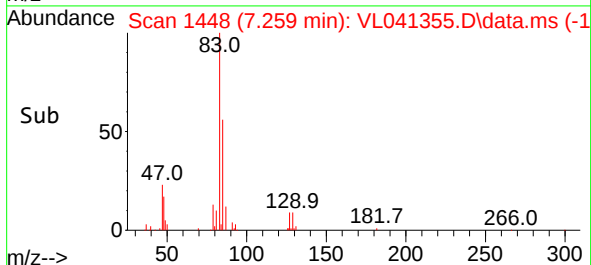
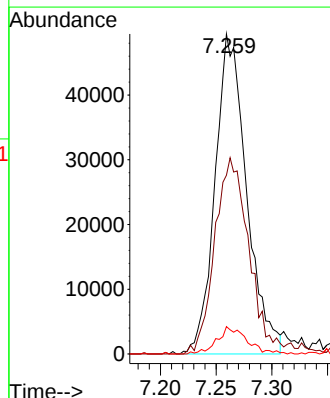
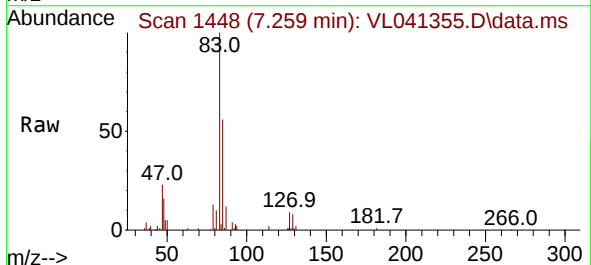
RT: 7.259 min Scan# 1448

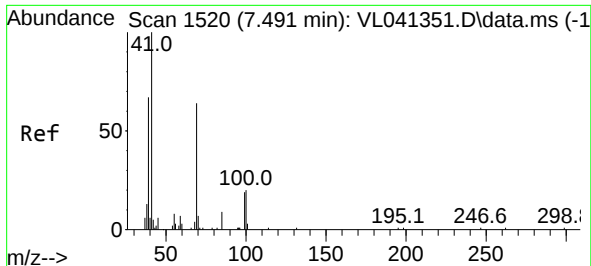
Delta R.T. -0.006 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Tgt Ion:	83	Resp:	97342
Ion Ratio	Lower	Upper	
83	100		
85	55.9	52.0	78.0
127	8.6	6.0	9.0





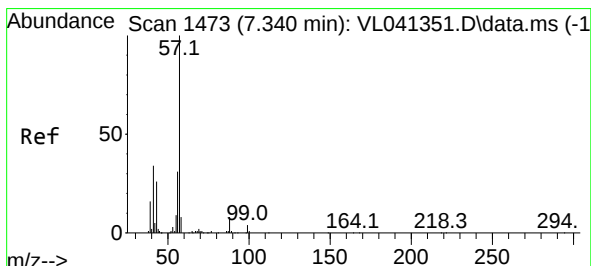
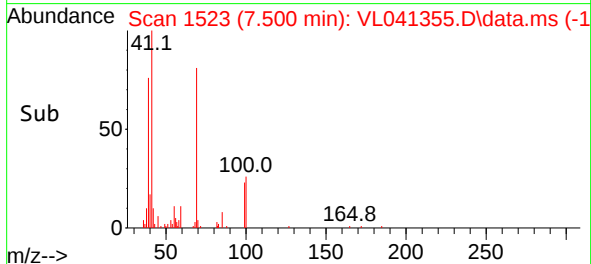
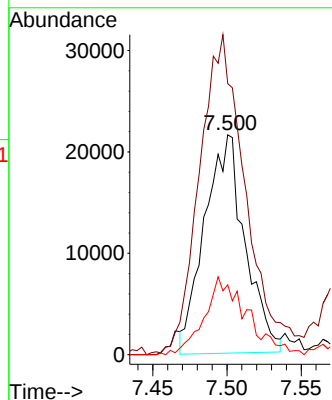
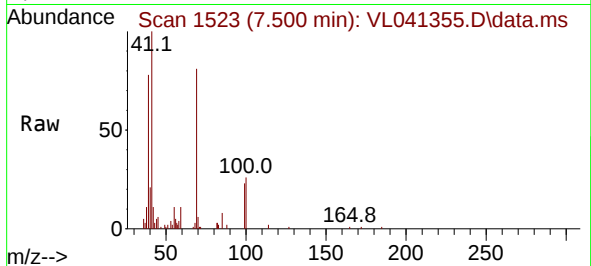
#43
Methyl Methacrylate
Concen: 0.473 ppbv
RT: 7.500 min Scan# 1520
Delta R.T. 0.013 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 40850
Ion Ratio Lower Upper
69 100
41 166.0 125.0 187.6
100 37.0 26.8 40.2

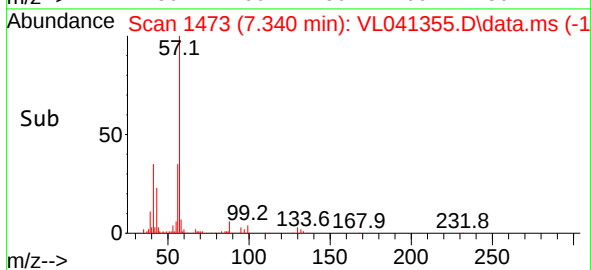
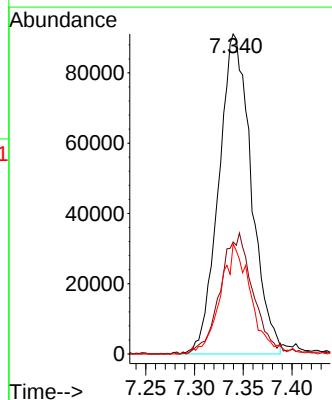
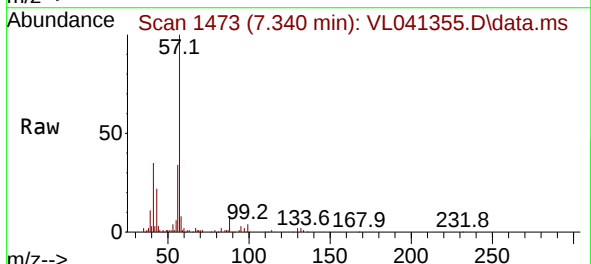
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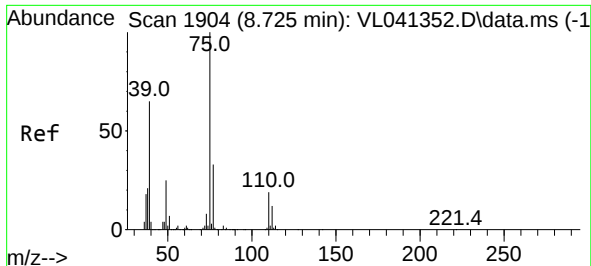
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#44
2,2,4-Trimethylpentane
Concen: 0.543 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 57 Resp: 211857
Ion Ratio Lower Upper
57 100
41 38.8 29.6 44.4
56 32.7 25.7 38.5





#45

t-1,3-Dichloropropene

Concen: 0.385 ppbv

RT: 8.729 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 75 Resp: 2246

Ion Ratio Lower Upper

75 100

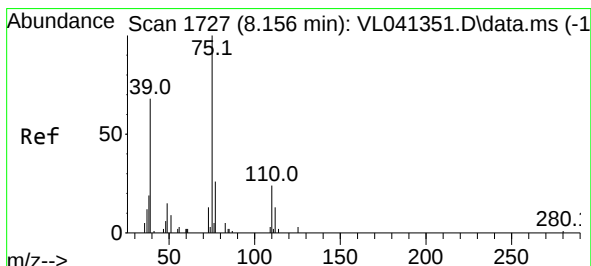
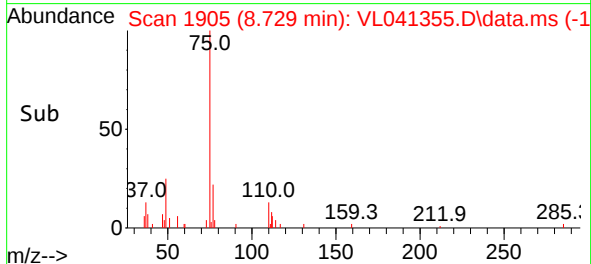
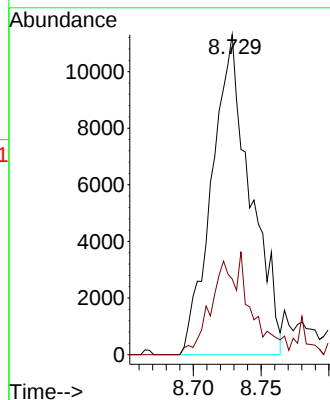
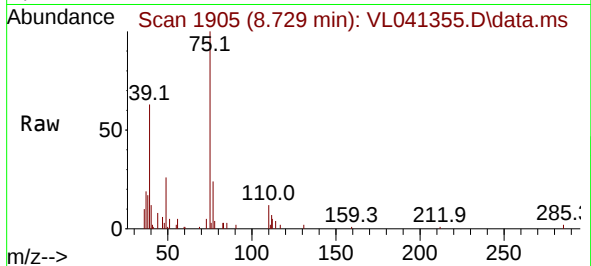
77 23.0 26.2 39.2

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Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#46

cis-1,3-Dichloropropene

Concen: 0.469 ppbv m

RT: 8.156 min Scan# 1727

Delta R.T. -0.003 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

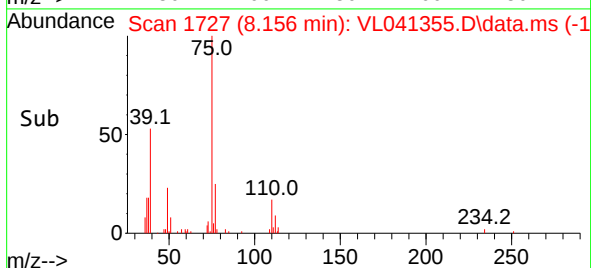
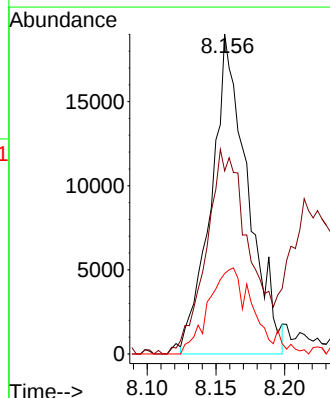
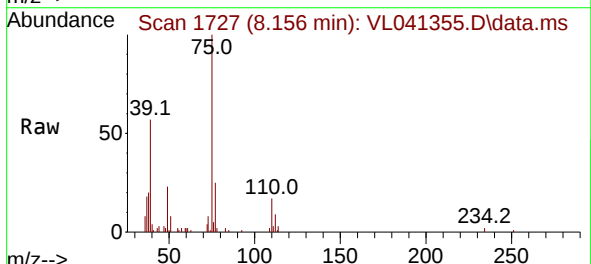
Tgt Ion: 75 Resp: 35191

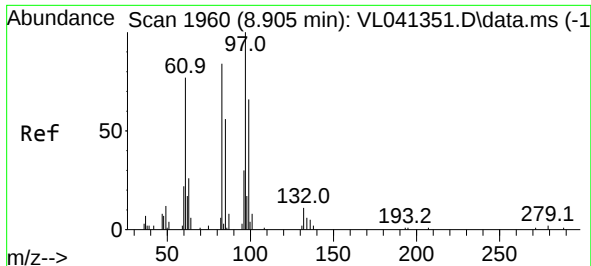
Ion Ratio Lower Upper

75 100

39 57.2 56.6 85.0

77 25.2 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 0.574 ppbv m

RT: 8.915 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

ClientSampleId :

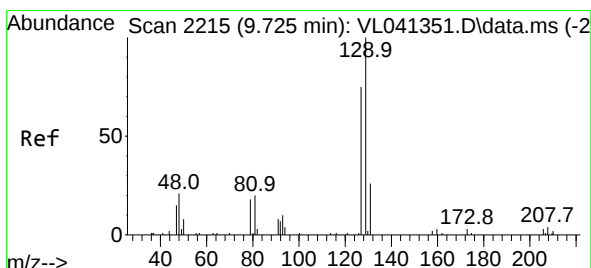
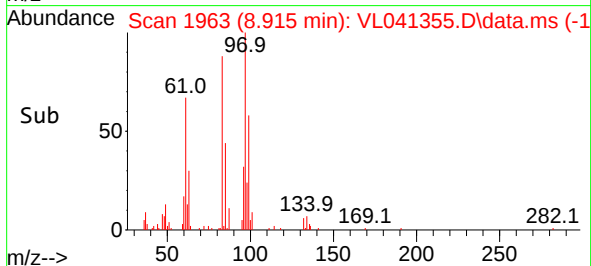
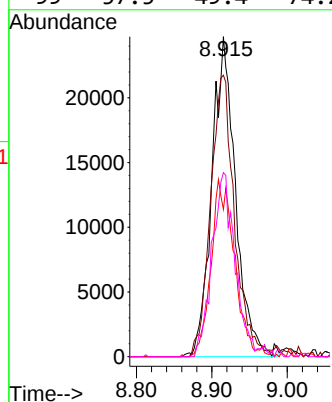
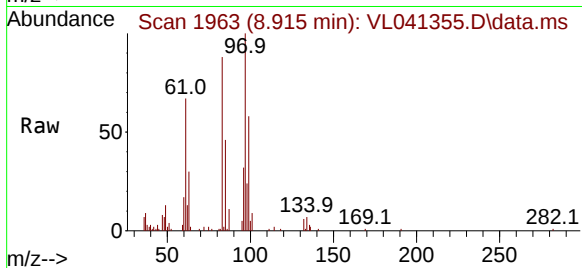
VSTDICC0.5

Tgt Ion: 97	Resp: 5417
Ion Ratio	Lower Upper
97 100	
83 88.0	72.4 108.6
85 46.0	42.6 64.0
99 57.5	49.4 74.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#48

Dibromochloromethane

Concen: 0.491 ppbv m

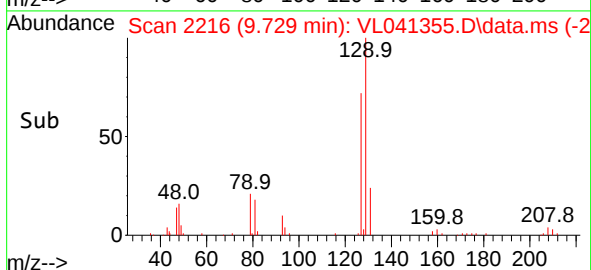
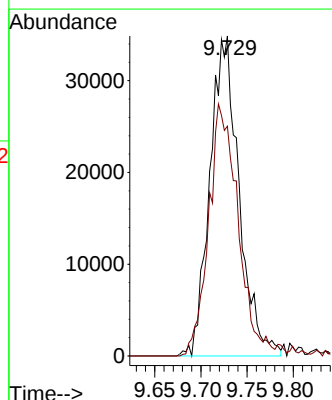
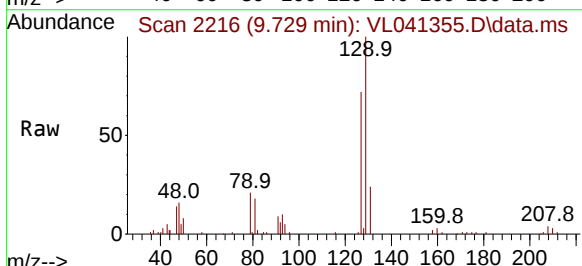
RT: 9.729 min Scan# 2216

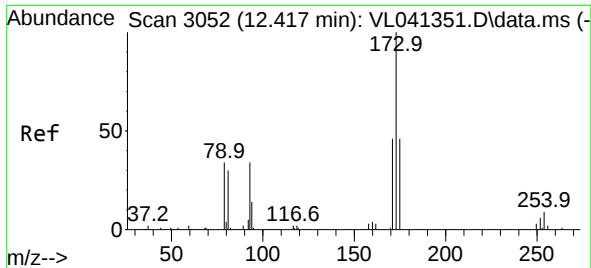
Delta R.T. 0.000 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Tgt Ion:129	Resp: 76374
Ion Ratio	Lower Upper
129 100	
127 81.1	39.9 119.7





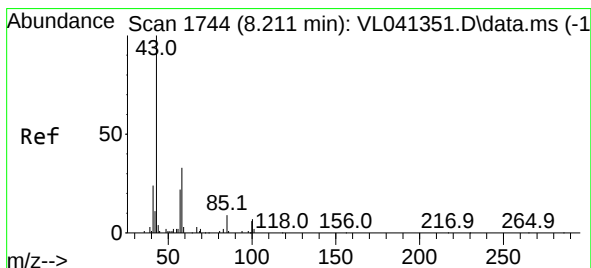
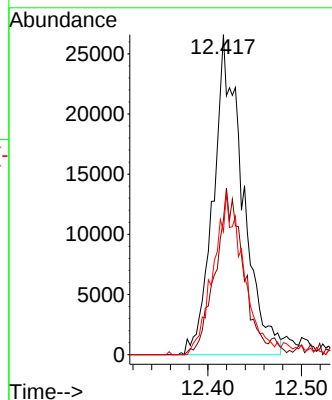
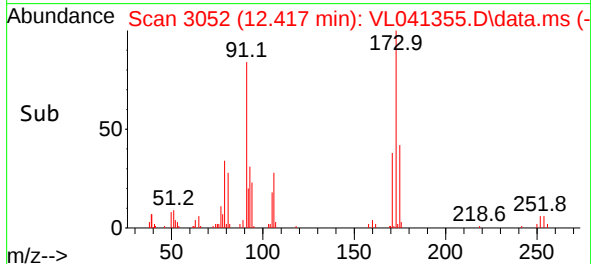
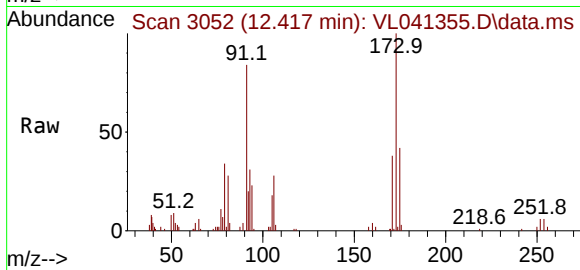
#49
Bromoform
Concen: 0.461 ppbv m
RT: 12.417 min Scan# 3052
Delta R.T. -0.006 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:173 Resp: 57758
Ion Ratio Lower Upper
173 100
175 52.5 40.3 60.5
171 53.9 43.8 65.8

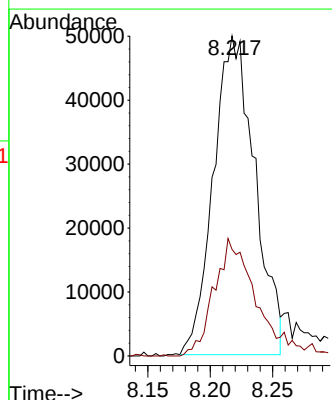
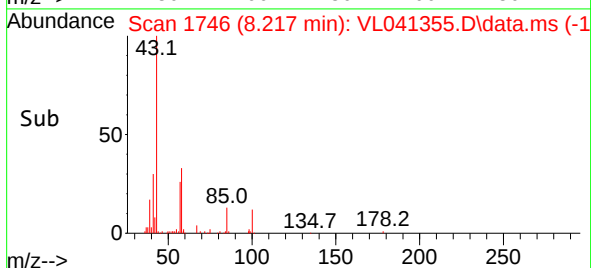
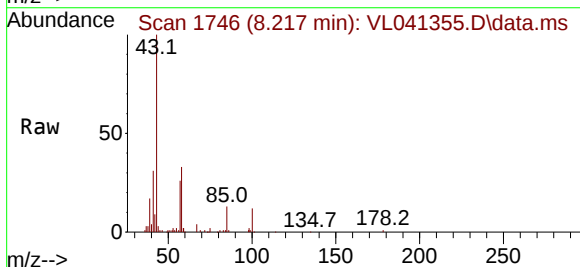
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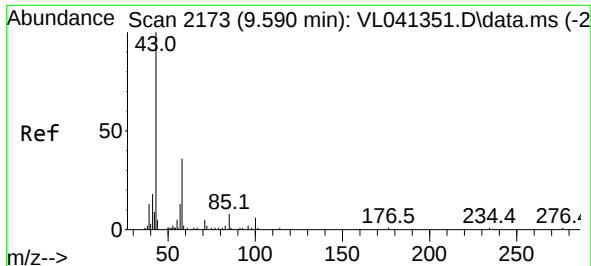
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#50
4-Methyl-2-Pentanone
Concen: 0.497 ppbv
RT: 8.217 min Scan# 1746
Delta R.T. 0.023 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

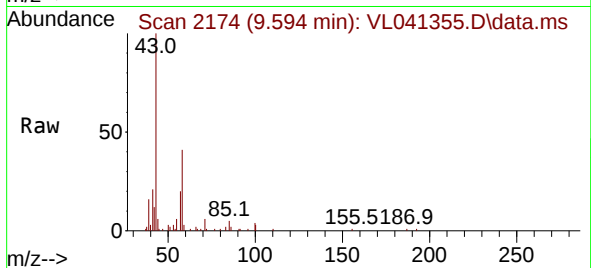
Tgt Ion: 43 Resp: 115241
Ion Ratio Lower Upper
43 100
58 39.0 27.8 41.8





#51
2-Hexanone
Concen: 0.467 ppbv m
RT: 9.594 min Scan# 2173
Delta R.T. 0.026 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

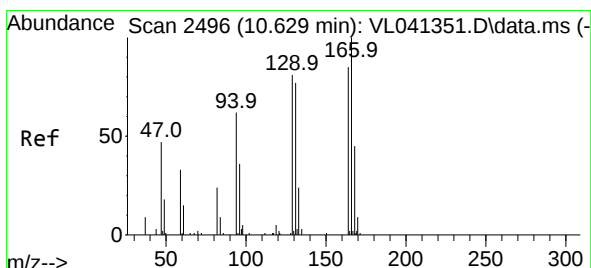
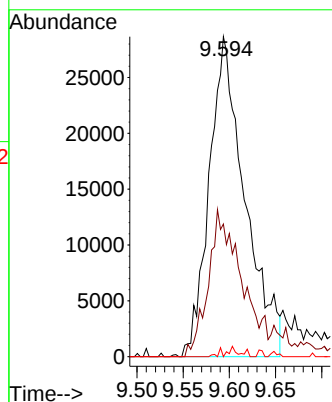
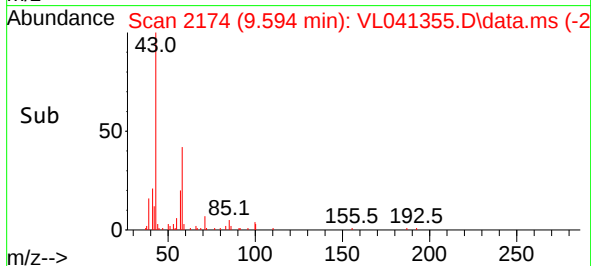
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 76990
Ion Ratio Lower Upper
43 100
58 52.6 38.0 57.0
98 1.2 0.2 0.2

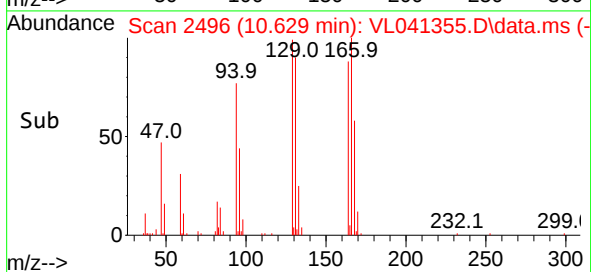
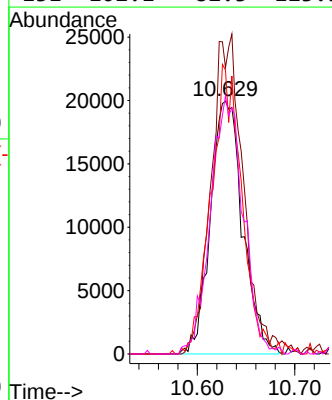
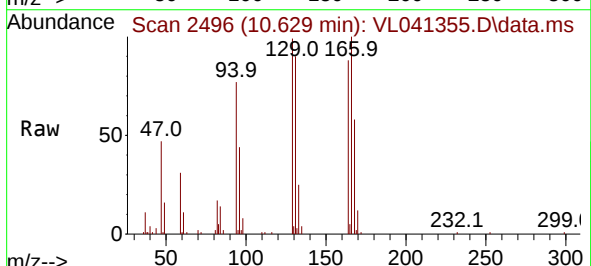
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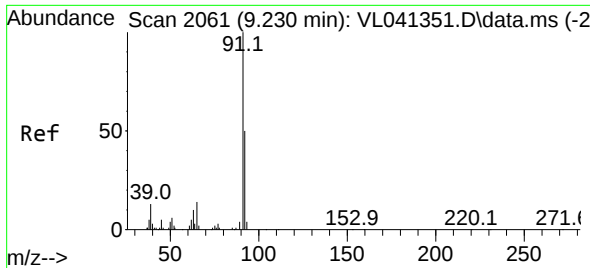
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#52
Tetrachloroethene
Concen: 0.557 ppbv m
RT: 10.629 min Scan# 2496
Delta R.T. -0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion:164 Resp: 46081
Ion Ratio Lower Upper
164 100
166 113.3 99.8 149.8
129 112.2 83.8 125.6
131 102.1 82.3 123.5





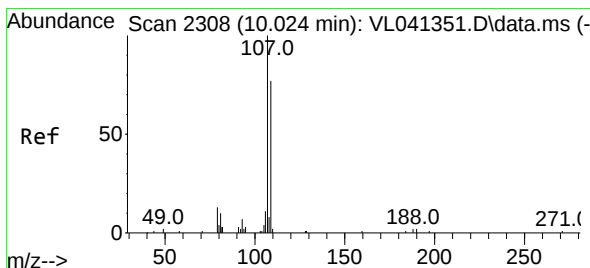
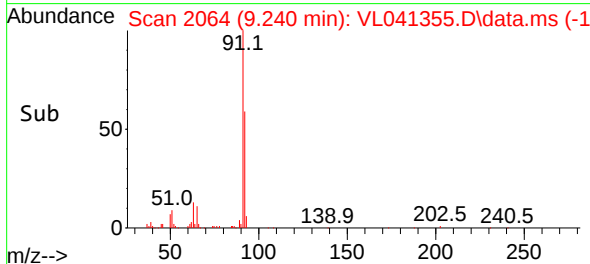
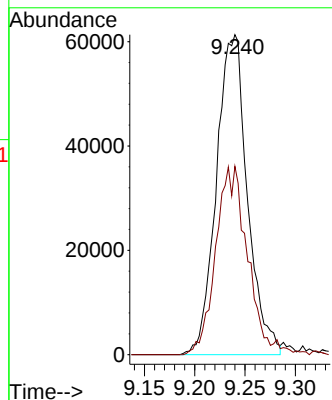
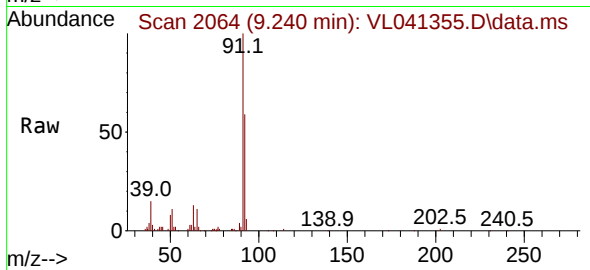
#53
Toluene
Concen: 0.505 ppbv
RT: 9.240 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 131630
Ion Ratio Lower Upper
91 100
92 61.1 48.5 72.7

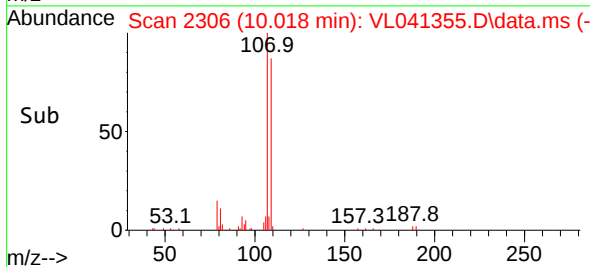
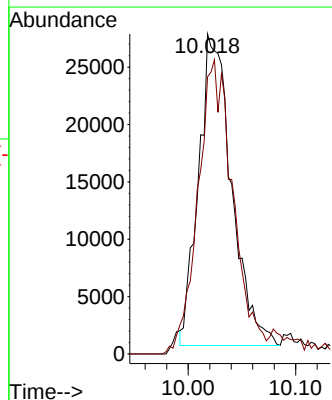
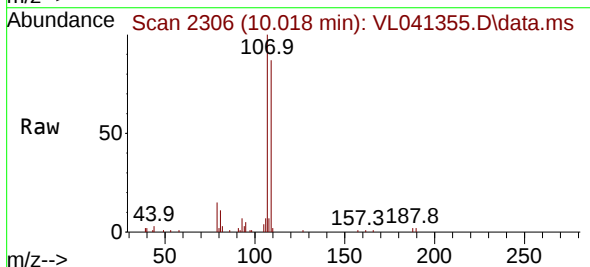
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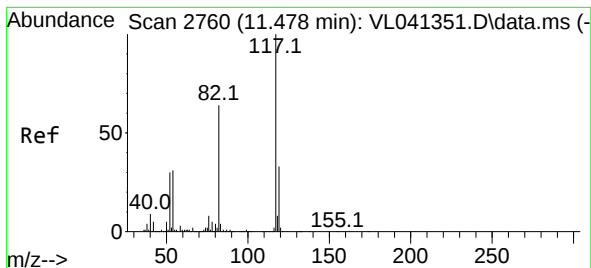
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#54
1,2-Dibromoethane
Concen: 0.470 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. -0.010 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

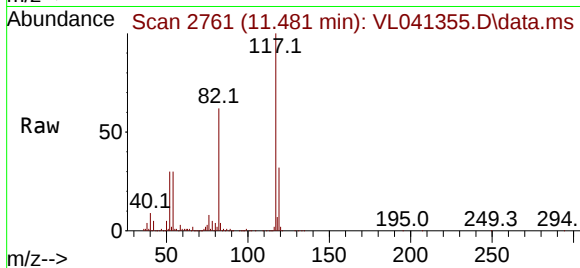
Tgt Ion:107 Resp: 57822
Ion Ratio Lower Upper
107 100
109 82.9 75.8 113.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. -0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

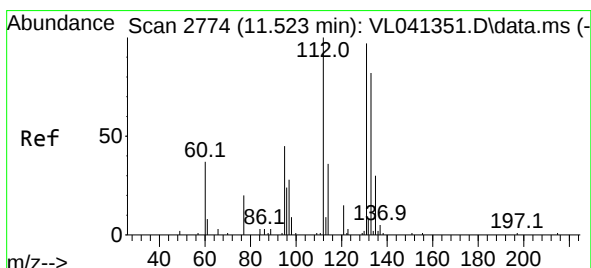
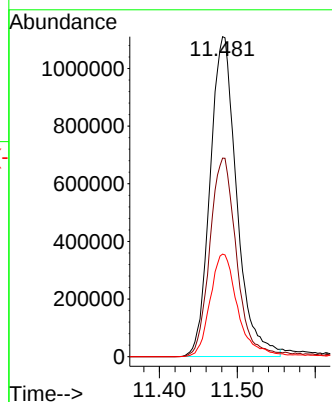
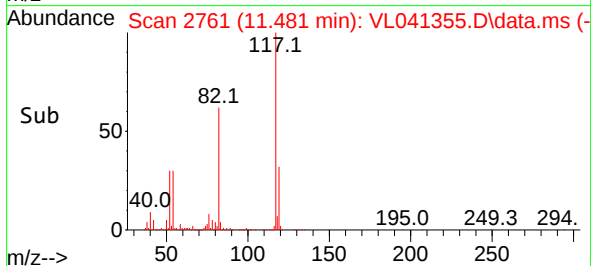
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion:117 Resp: 262799
Ion Ratio Lower Upper
117 100
82 64.0 50.6 75.8
119 34.4 24.7 37.1

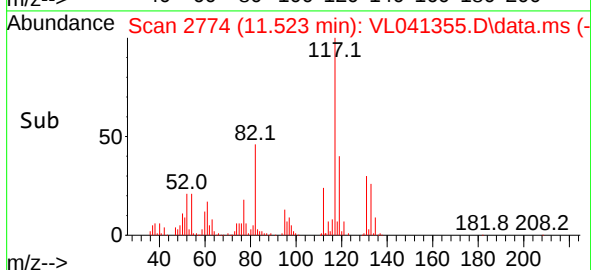
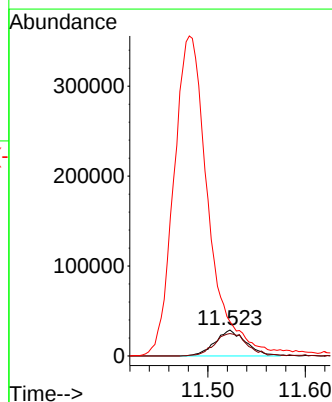
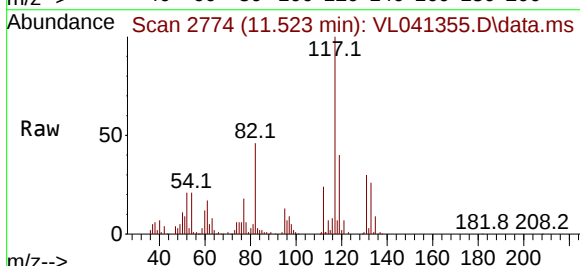
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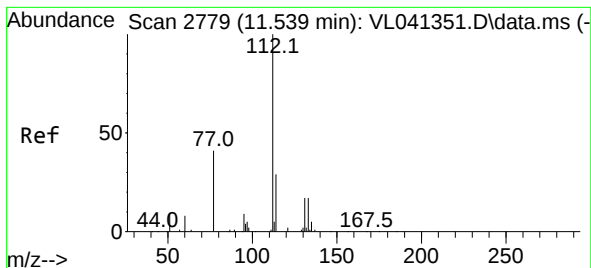
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 0.572 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. -0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion:131 Resp: 63590
Ion Ratio Lower Upper
131 100
133 94.1 76.8 115.2
119 1399.1 49.4 74.0#





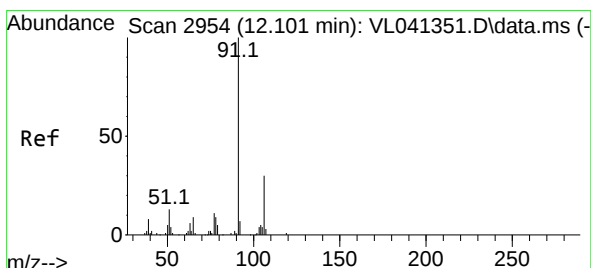
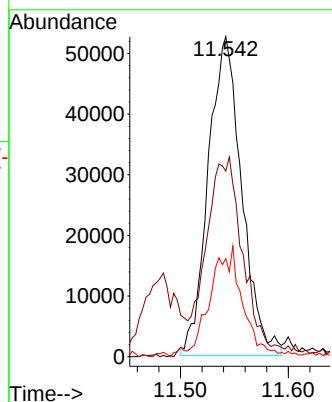
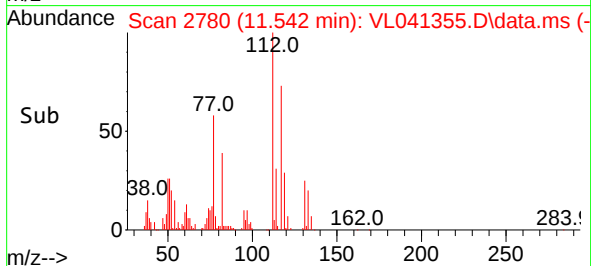
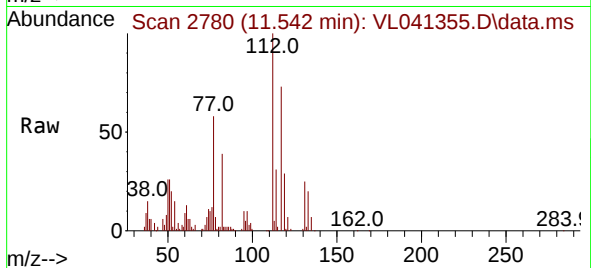
#57
Chlorobenzene
Concen: 0.582 ppbv m
RT: 11.542 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:112 Resp: 113692
Ion Ratio Lower Upper
112 100
77 58.0 53.2 79.8
114 30.6 30.1 36.7

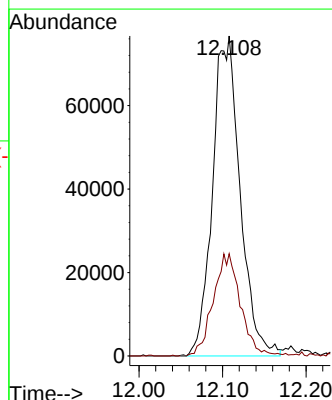
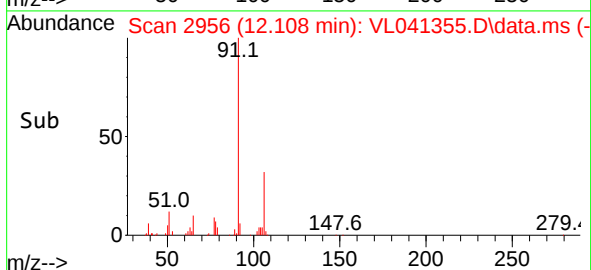
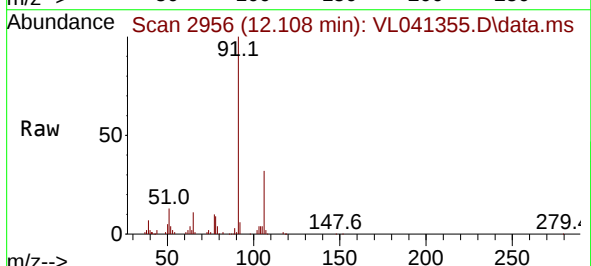
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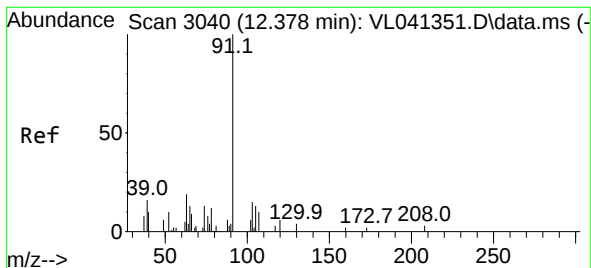
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#58
Ethyl Benzene
Concen: 0.522 ppbv m
RT: 12.108 min Scan# 2956
Delta R.T. 0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 91 Resp: 175734
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0





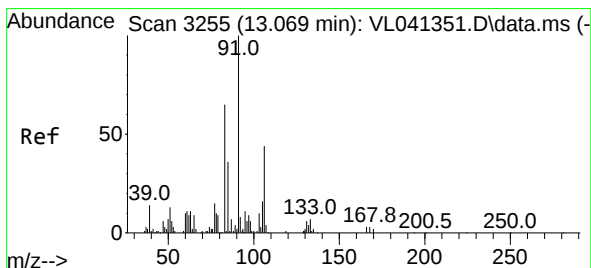
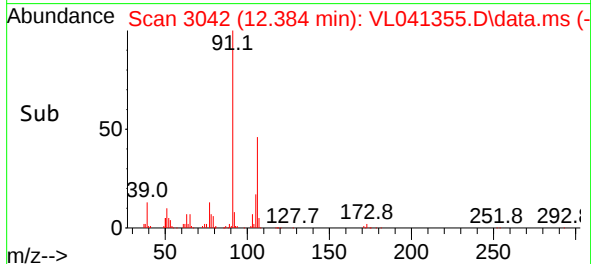
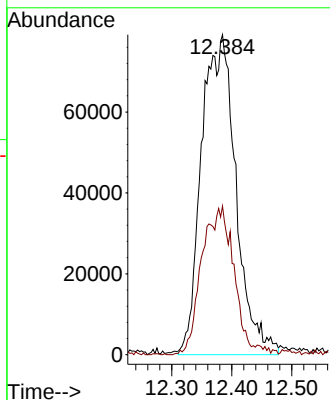
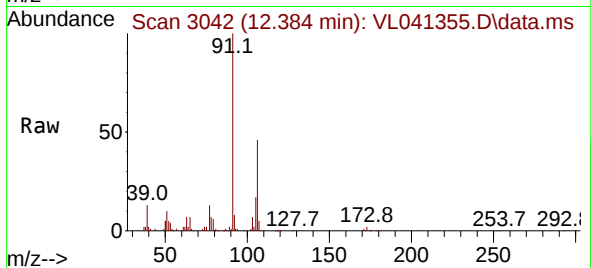
#59
m/p-Xylene
Concen: 1.091 ppbv m
RT: 12.384 min Scan# 3042
Delta R.T. 0.000 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 314950
Ion Ratio Lower Upper
91 100
106 43.8 35.6 53.4

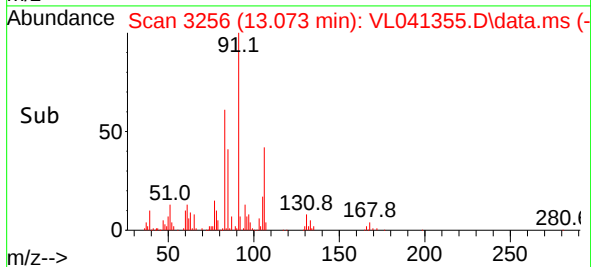
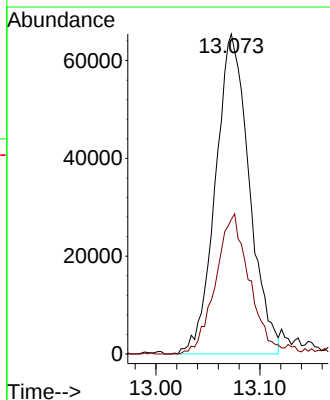
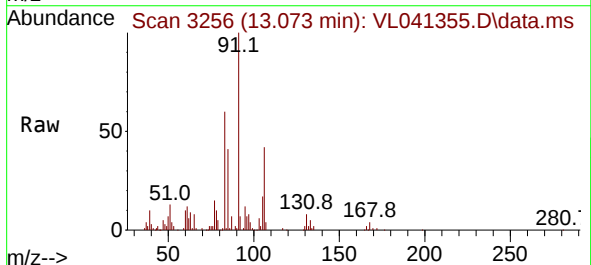
Manual Integrations
APPROVED

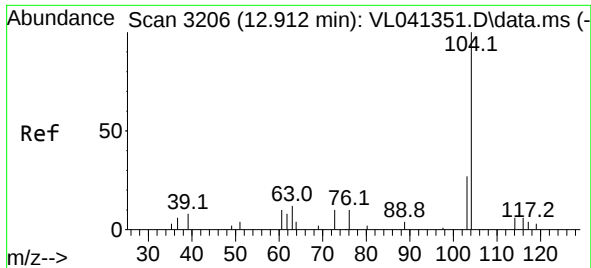
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#60
o-Xylene
Concen: 0.538 ppbv
RT: 13.073 min Scan# 3256
Delta R.T. -0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion: 91 Resp: 147983
Ion Ratio Lower Upper
91 100
106 45.9 23.3 69.8





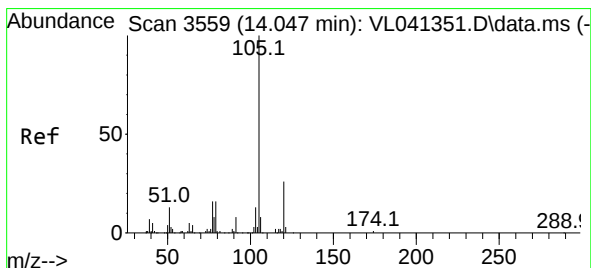
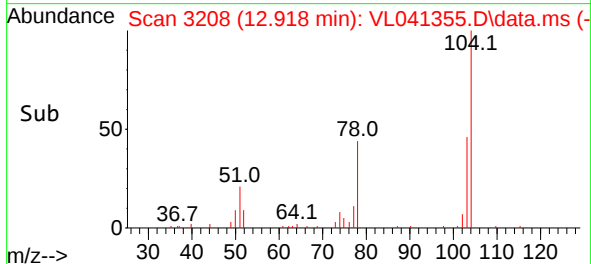
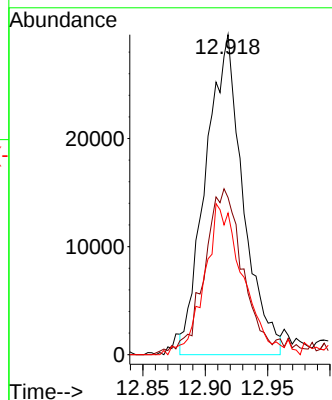
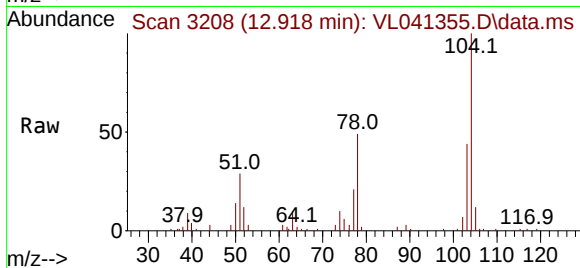
#61
Styrene
Concen: 0.458 ppbv
RT: 12.918 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:104 Resp: 61732
Ion Ratio Lower Upper
104 100
78 57.1 40.6 61.0
103 48.7 37.4 56.0

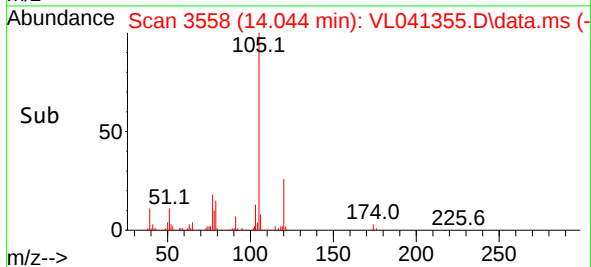
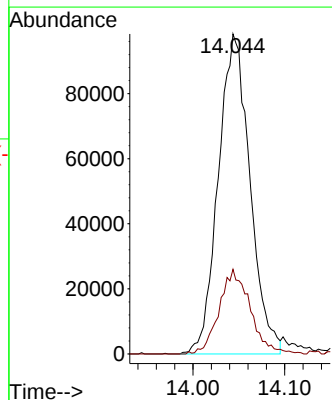
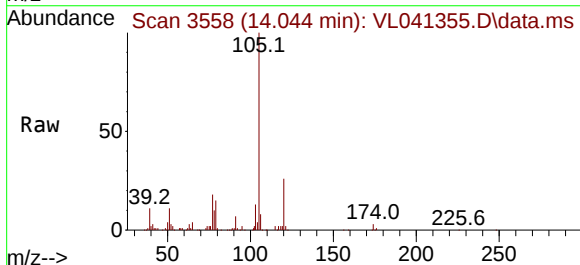
Manual Integrations
APPROVED

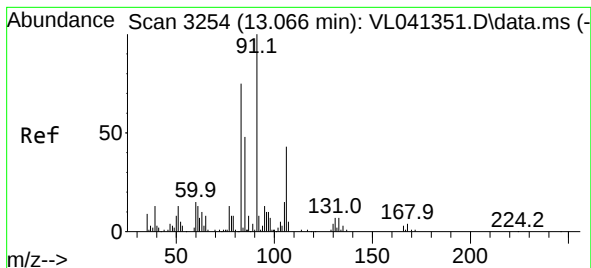
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#62
Isopropylbenzene
Concen: 0.567 ppbv
RT: 14.044 min Scan# 3558
Delta R.T. 0.000 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Tgt Ion:105 Resp: 235837
Ion Ratio Lower Upper
105 100
120 25.9 20.9 31.3





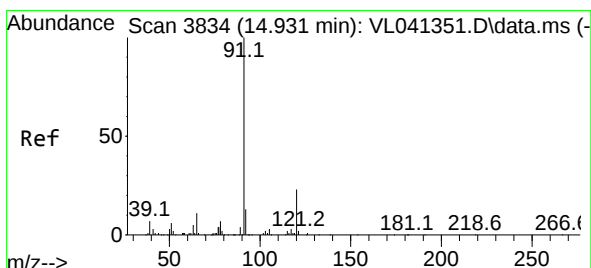
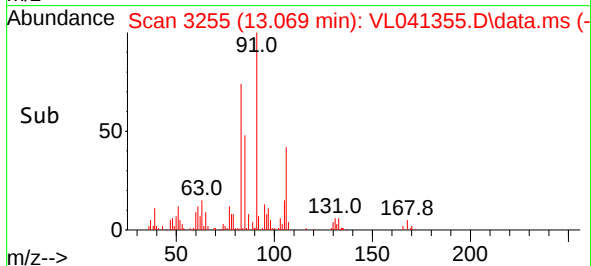
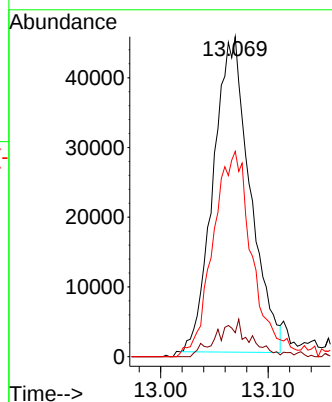
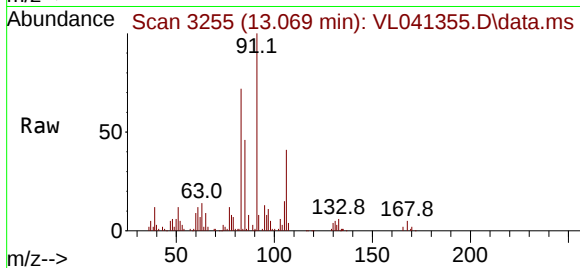
#63
1,1,2,2-Tetrachloroethane
Concen: 0.549 ppbv
RT: 13.069 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 10748
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.4
85 69.8 33.0 98.9

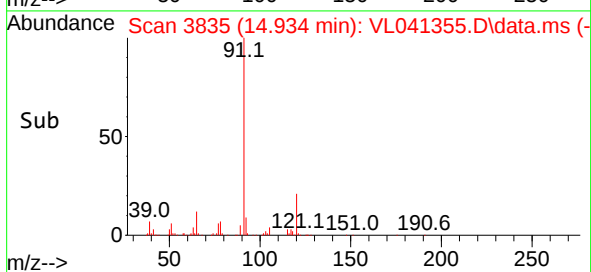
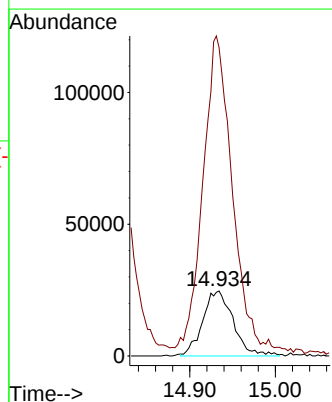
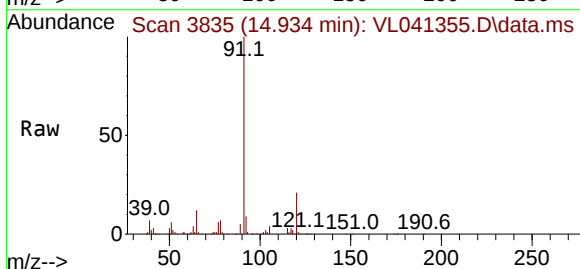
Manual Integrations
APPROVED

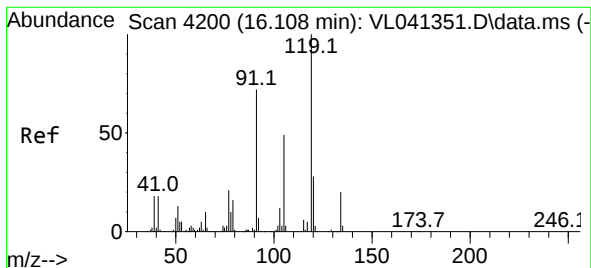
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#64
n-propylbenzene
Concen: 0.570 ppbv m
RT: 14.934 min Scan# 3835
Delta R.T. 0.000 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

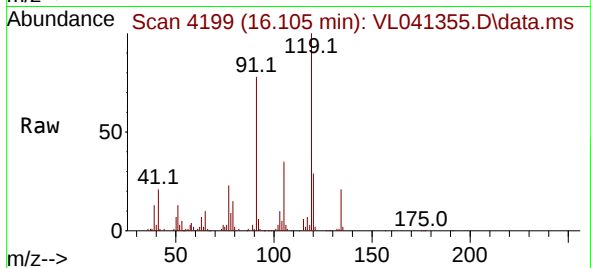
Tgt Ion:120 Resp: 61079
Ion Ratio Lower Upper
120 100
91 494.0 378.4 567.6





#65
tert-Butylbenzene
Concen: 0.552 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. -0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

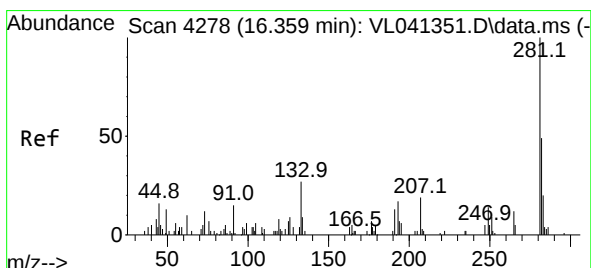
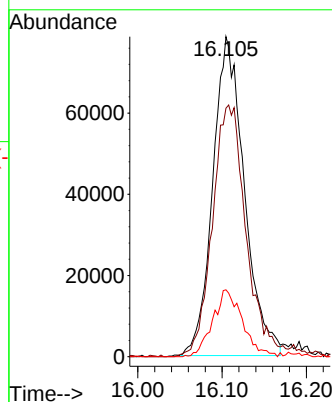
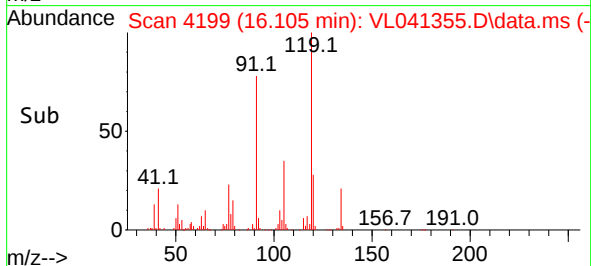
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



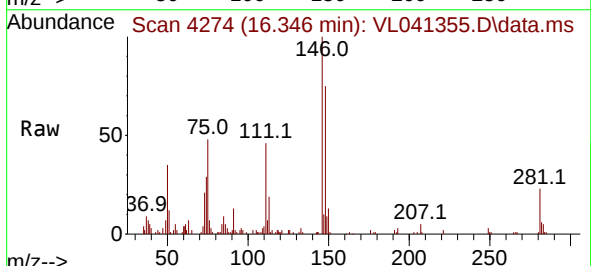
Tgt Ion: 119 Resp: 20418
Ion Ratio Lower Upper
119 100
91 86.3 65.8 98.6
134 19.8 15.7 23.5

Manual Integrations
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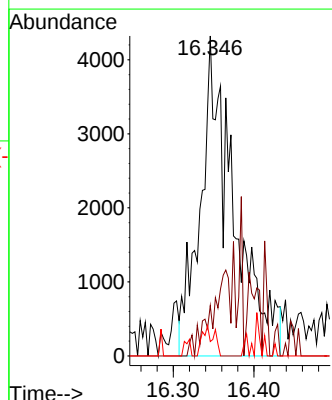
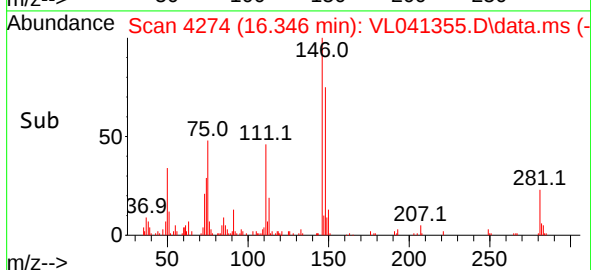
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

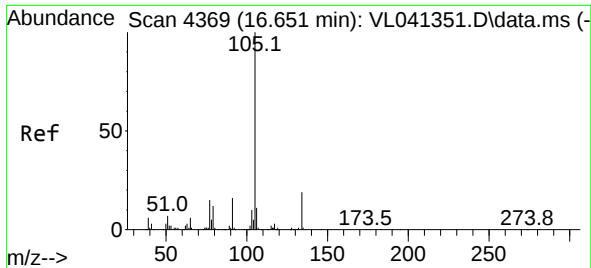


#66
Benzyl Chloride
Concen: 0.513 ppbv m
RT: 16.346 min Scan# 4274
Delta R.T. 0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53



Tgt Ion: 91 Resp: 12484
Ion Ratio Lower Upper
91 100
126 22.2 15.4 23.0
128 4.2 5.0 7.4#





#67

sec-Butylbenzene

Concen: 0.558 ppbv m

RT: 16.658 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:105 Resp: 291750

Ion Ratio Lower Upper

105 100

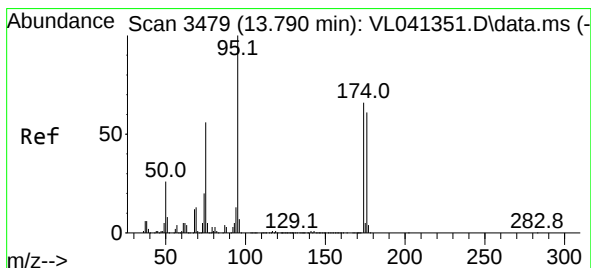
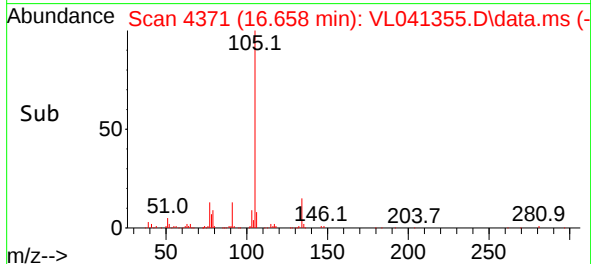
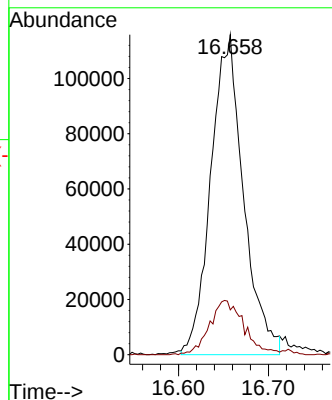
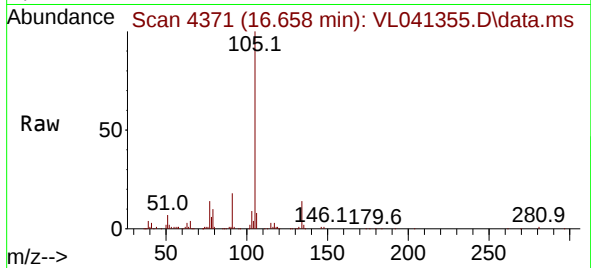
134 18.5 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 9.852 ppbv

RT: 13.793 min Scan# 3480

Delta R.T. 0.000 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

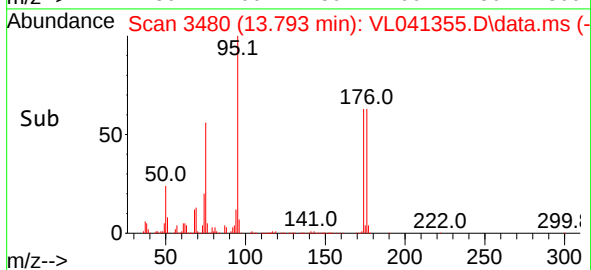
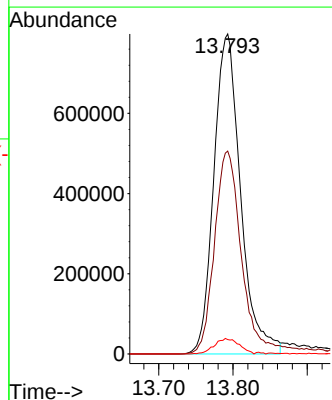
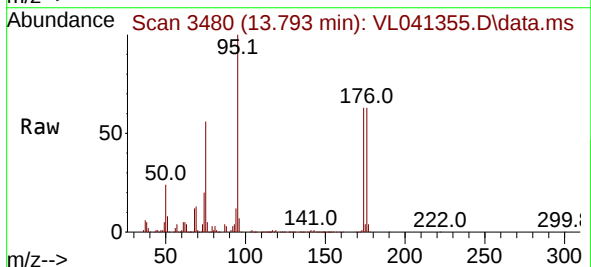
Tgt Ion: 95 Resp: 1999103

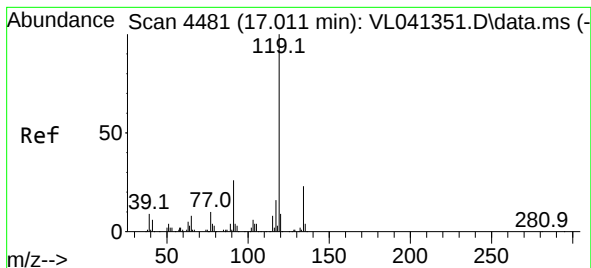
Ion Ratio Lower Upper

95 100

174 66.8 53.1 79.7

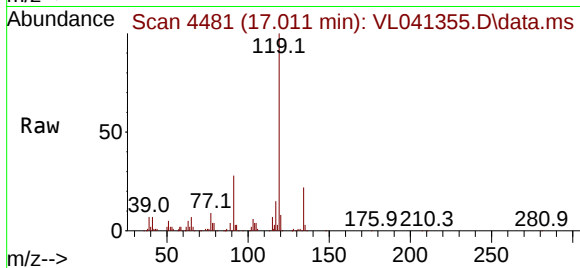
175 4.6 4.0 6.0





#69
p-Isopropyltoluene
Concen: 0.542 ppbv
RT: 17.011 min Scan# 4481
Delta R.T. -0.003 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

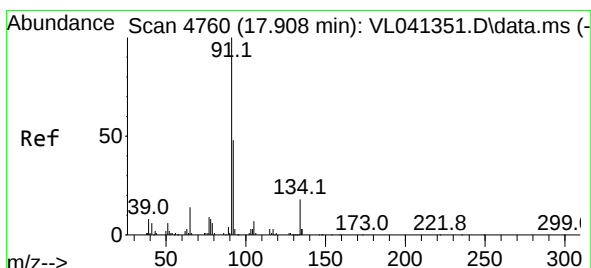
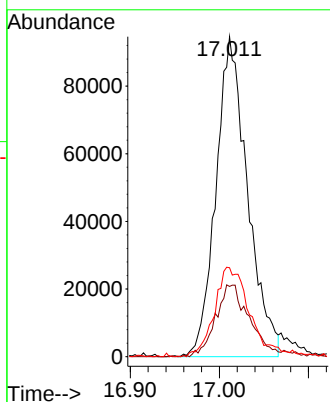
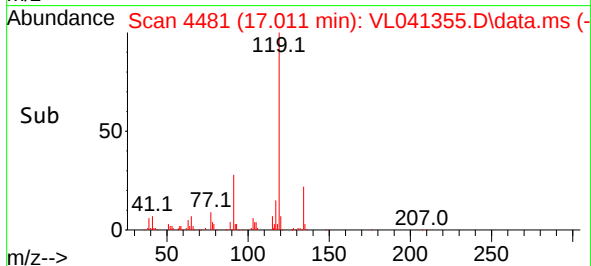
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



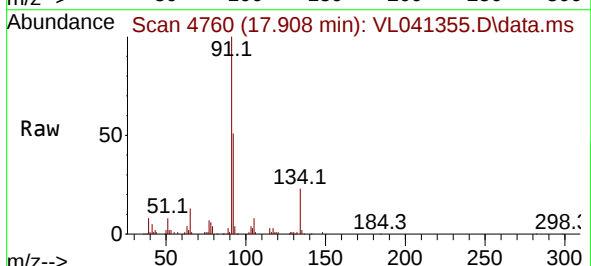
Tgt Ion: 119 Resp: 233339
Ion Ratio Lower Upper
119 100
134 25.0 20.0 30.0
91 31.9 23.7 35.5

Manual Integrations
APPROVED

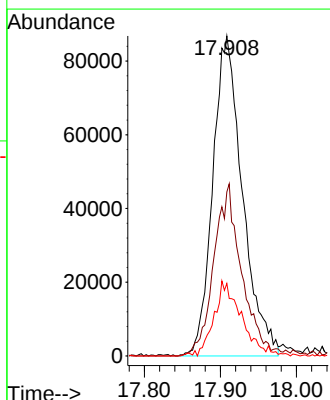
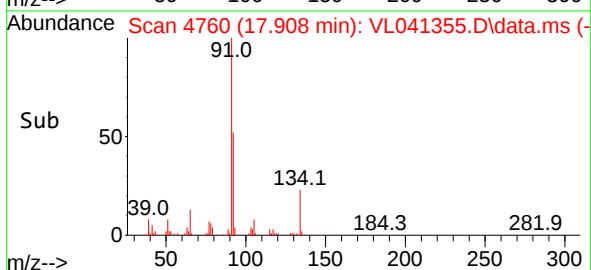
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

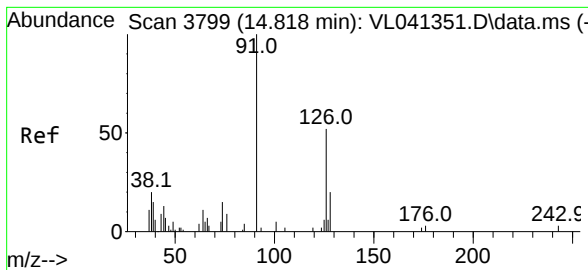


#70
n-Butylbenzene
Concen: 0.527 ppbv
RT: 17.908 min Scan# 4760
Delta R.T. 0.006 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53



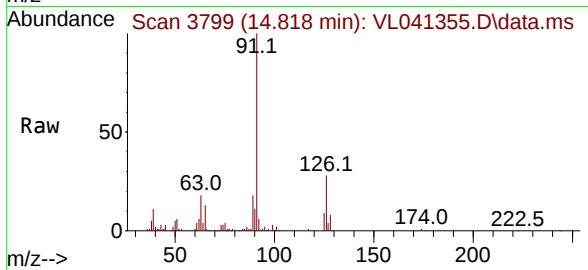
Tgt Ion: 91 Resp: 235533
Ion Ratio Lower Upper
91 100
92 51.2 43.0 64.6
134 21.9 18.0 27.0





#71
2-Chlorotoluene
Concen: 0.533 ppbv
RT: 14.818 min Scan# 3799
Delta R.T. 0.000 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53

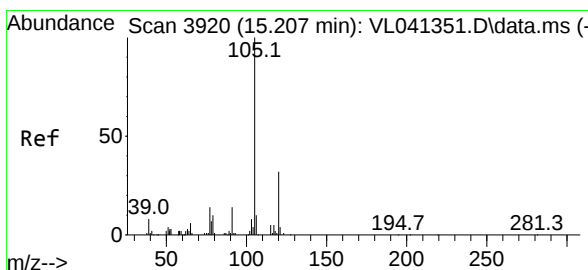
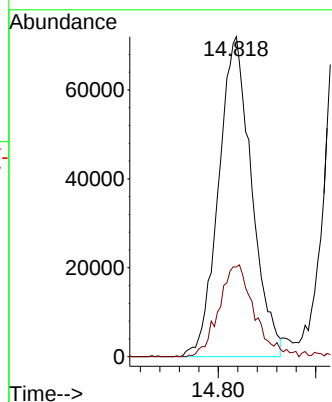
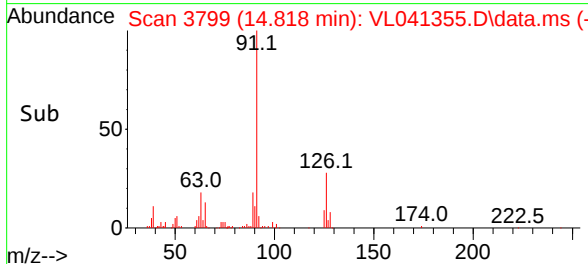
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



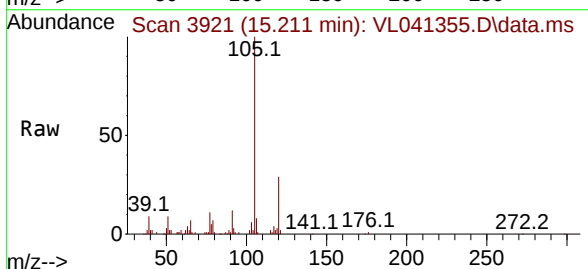
Tgt Ion: 91 Resp: 169749
Ion Ratio Lower Upper
91 100
126 30.5 12.9 51.7

Manual Integrations
APPROVED

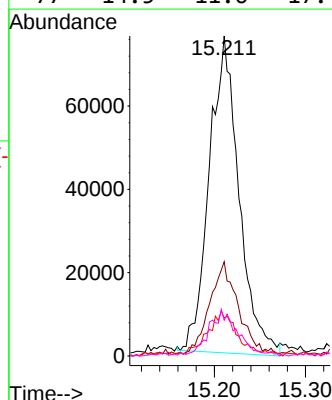
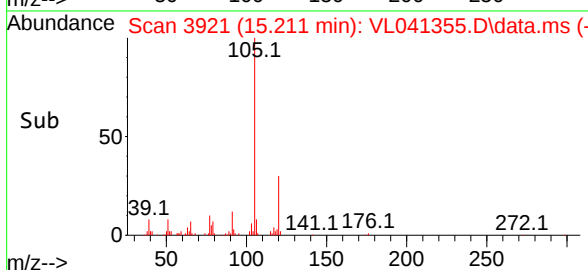
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

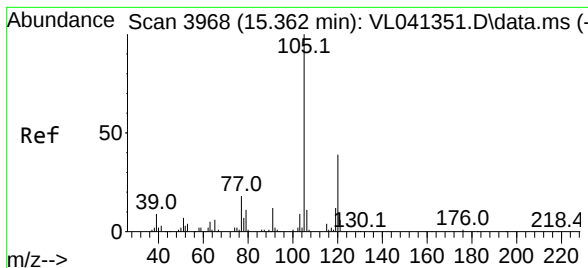


#72
4-Ethyltoluene
Concen: 0.538 ppbv m
RT: 15.211 min Scan# 3921
Delta R.T. 0.000 min
Lab File: VL041355.D
Acq: 26 Jun 2024 10:53



Tgt Ion:105 Resp: 172365
Ion Ratio Lower Upper
105 100
120 30.7 24.2 36.4
91 15.6 10.2 15.2#
77 14.5 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 0.521 ppbv m

RT: 15.371 min Scan# 3968

Delta R.T. 0.003 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:105 Resp: 144884

Ion Ratio Lower Upper

105 100

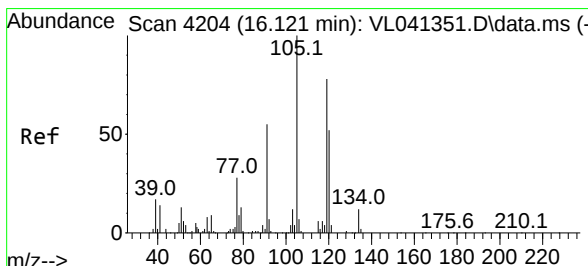
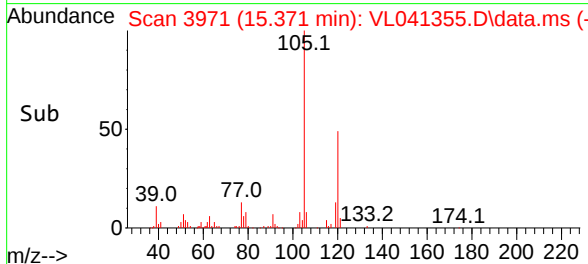
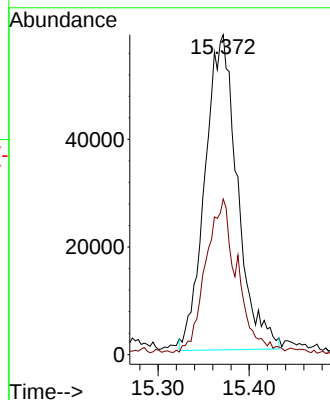
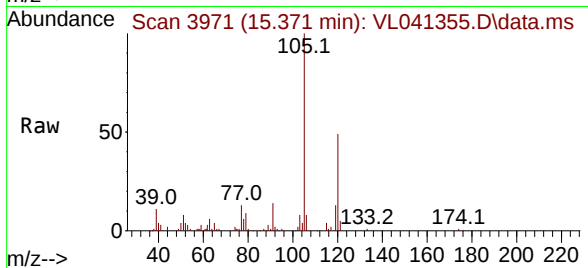
120 48.6 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.531 ppbv

RT: 16.121 min Scan# 4204

Delta R.T. -0.006 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Tgt Ion:105 Resp: 166943

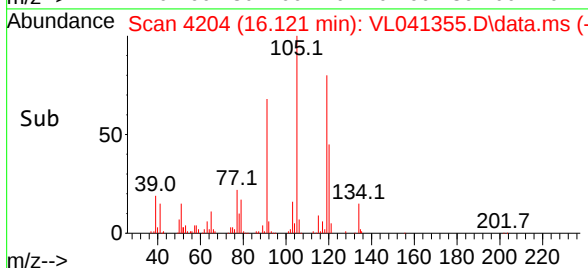
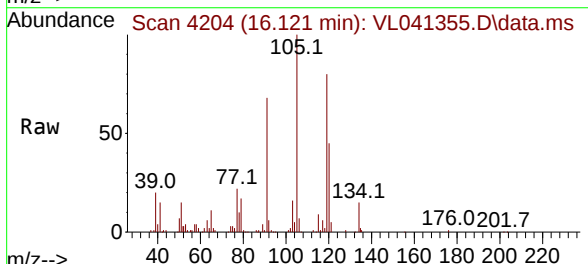
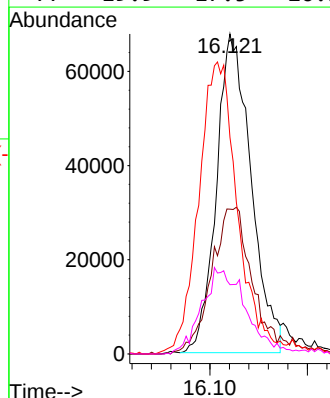
Ion Ratio Lower Upper

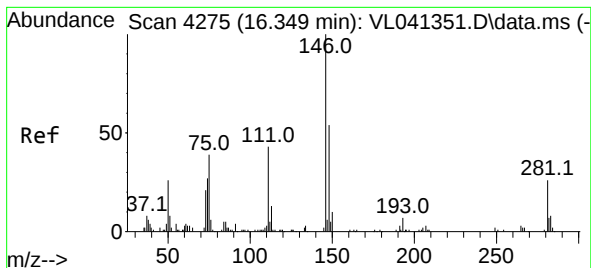
105 100

120 44.2 37.8 56.8

91 64.0 38.0 57.0#

77 19.9 17.5 26.3





#75

1,3-Dichlorobenzene

Concen: 0.528 ppbv

RT: 16.349 min Scan# 4275

Delta R.T. 0.000 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:146 Resp: 97510

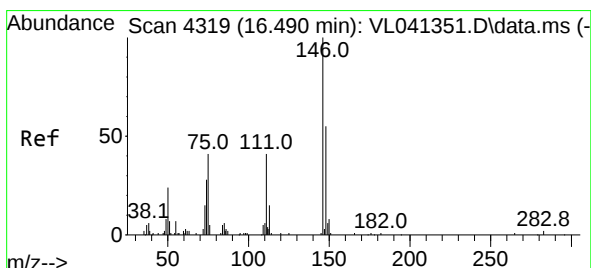
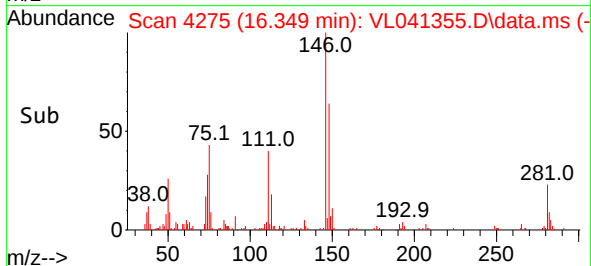
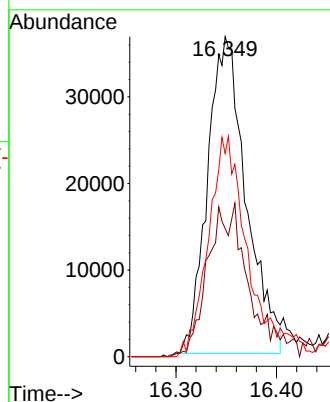
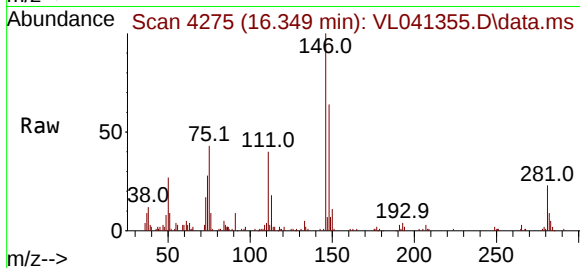
Ion	Ratio	Lower	Upper
146	100		
111	51.2	23.5	70.5
148	71.3	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#76

1,4-Dichlorobenzene

Concen: 0.559 ppbv m

RT: 16.487 min Scan# 4318

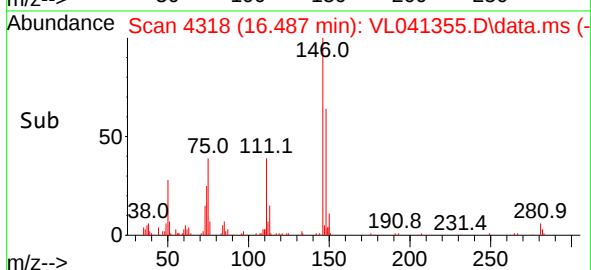
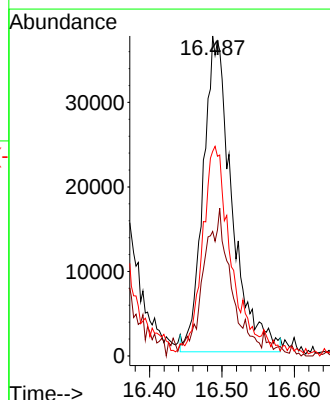
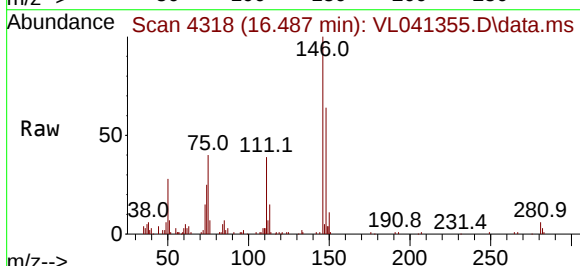
Delta R.T. -0.003 min

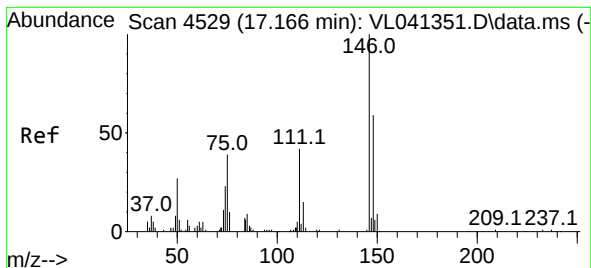
Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Tgt Ion:146 Resp: 103081

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.9	68.8#
148	0.0	32.8	98.3#





#77

1,2-Dichlorobenzene

Concen: 0.591 ppbv m

RT: 17.162 min Scan# 4529

Delta R.T. 0.003 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

ClientSampleId :

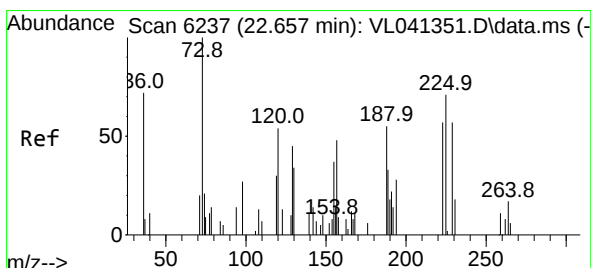
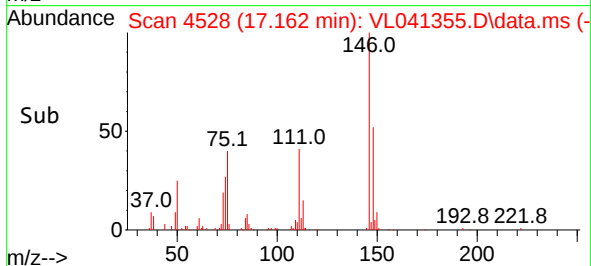
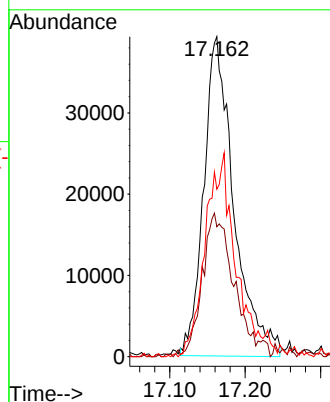
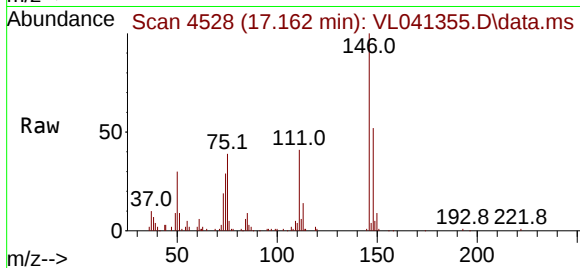
VSTDIC0.5

Tgt Ion:	146	Resp:	10918
Ion Ratio	Lower	Upper	
146	100		
111	48.6	24.1	72.2
148	66.2	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.553 ppbv m

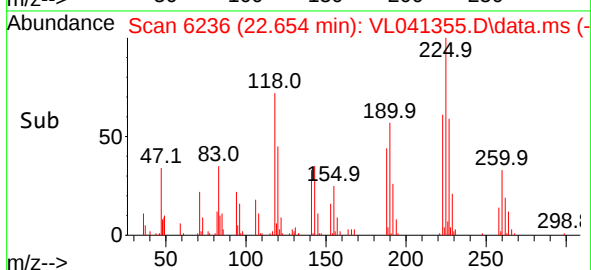
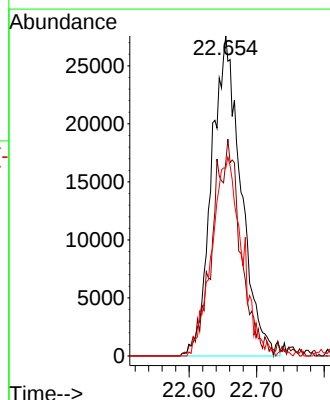
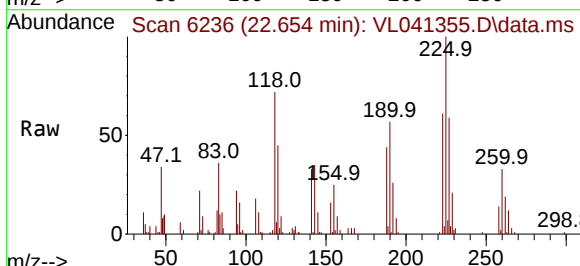
RT: 22.654 min Scan# 6236

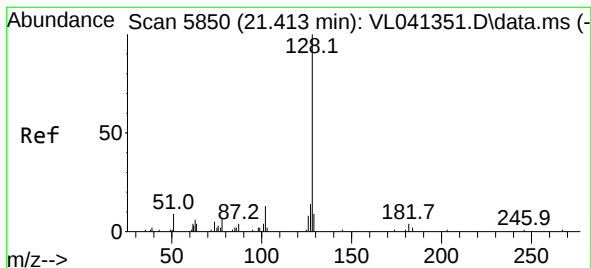
Delta R.T. -0.006 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Tgt Ion:	225	Resp:	83741
Ion Ratio	Lower	Upper	
225	100		
223	65.3	51.3	76.9
227	64.2	51.8	77.8





#79

Naphthalene

Concen: 0.249 ppbv m

RT: 21.416 min Scan# 5850

Delta R.T. 0.003 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Instrument :

MSVOA_L

ClientSampleId :

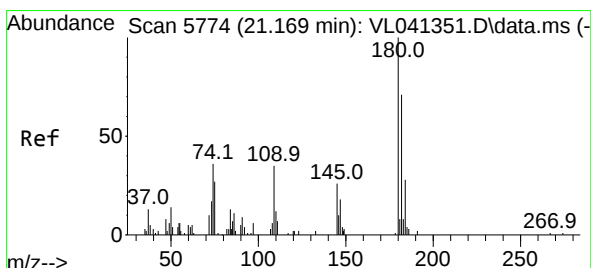
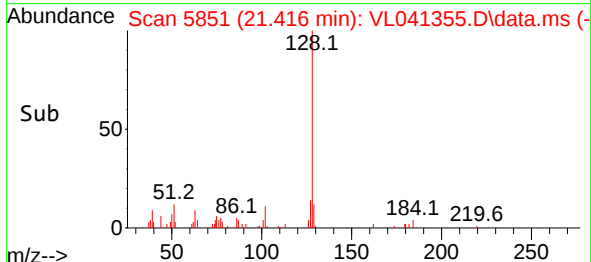
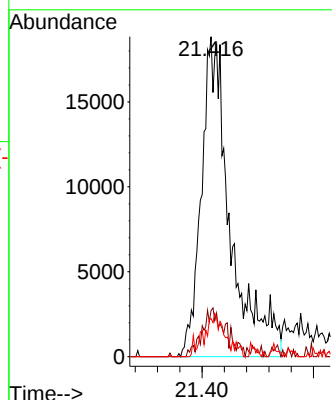
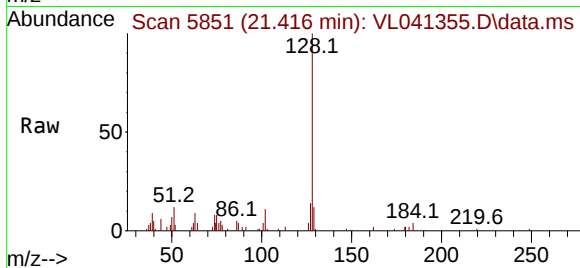
VSTDIC0.5

Tgt Ion:	128	Resp:	6807
Ion Ratio	Lower	Upper	
128	100		
127	14.5	10.8	16.2
129	11.9	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#81

1,2,4-Trichlorobenzene

Concen: 0.285 ppbv m

RT: 21.169 min Scan# 5774

Delta R.T. -0.003 min

Lab File: VL041355.D

Acq: 26 Jun 2024 10:53

Tgt Ion:	180	Resp:	43378
Ion Ratio	Lower	Upper	
180	100		
182	0.0	78.1	117.1#
184	0.0	25.2	37.8#

