

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
 Data File : VL041595.D
 Acq On : 16 Sep 2024 15:16
 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 09/17/2024
 Supervised By : Mahesh Dadoda 09/17/2024

Quant Time: Sep 17 02:54:10 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 02:32:57 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.173	49	1118199	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3133918	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2773784	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.754 95 2096257 9.889 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.716	85	96698	0.509	ppbv	96
3) Chlorodifluoromethane	2.661	51	72262	0.540	ppbv	99
4) Chloromethane	2.796	50	36222	0.504	ppbv	100
5) Vinyl Chloride	2.906	62	33443	0.477	ppbv	100
6) Bromomethane	3.108	94	15696	0.443	ppbv	89
7) Chloroethane	3.179	64	12213	0.502	ppbv #	84
8) Dichlorotetrafluoroethane	2.841	85	91334	0.533	ppbv	96
9) Propene	2.681	41	29194	0.473	ppbv	88
10) Heptane	7.562	43	52235	0.376	ppbv	87
11) Trichlorofluoromethane	3.546	101	87563	0.509	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.050	101	62154	0.502	ppbv	98
13) Ethanol	3.263	45	2055m	0.398	ppbv	
14) Bromoethene	3.353	108	23214	0.482	ppbv #	91
15) Acetone	3.465	43	67617	0.529	ppbv	99
16) 1,3-Butadiene	2.970	39	30037	0.439	ppbv	91
17) tert-Butyl alcohol	3.880	59	55097	0.472	ppbv	96
18) 1,1-Dichloroethene	3.861	96	28134	0.530	ppbv	86
19) Isopropyl Alcohol	3.581	45	31089	0.421	ppbv #	86
20) Methylene Chloride	3.915	84	28746	0.602	ppbv	92
21) Allyl Chloride	3.980	41	40695	0.487	ppbv	93
22) trans-1,2-Dichloroethene	4.427	96	25914m	0.490	ppbv	
23) Vinyl Acetate	4.616	43	36408	0.393	ppbv #	90
24) 1,1-Dichloroethane	4.542	63	57781	0.501	ppbv #	94
25) Ethyl Acetate	5.192	43	120195	0.469	ppbv #	97
26) Hexane	5.195	57	47903	0.454	ppbv	90
27) Carbon Disulfide	4.108	76	47050	0.385	ppbv #	81
28) Methyl tert-Butyl Ether	4.581	73	32069	0.485	ppbv	93
29) Chloroform	5.250	83	89470	0.521	ppbv	95
30) Cyclohexane	6.578	84	32343	0.377	ppbv	86
31) cis-1,2-Dichloroethene	5.057	61	44569	0.430	ppbv	92
32) 1,1,1-Trichloroethane	5.980	97	76483	0.458	ppbv	95
34) 2-Butanone	4.780	43	66980	0.441	ppbv	95
35) Carbon Tetrachloride	6.475	117	76200	0.441	ppbv	95
36) Benzene	6.349	78	95200	0.415	ppbv	95
37) 1,2-Dichloroethane	5.787	62	62043	0.483	ppbv	100
38) Trichloroethene	7.272	130	54770	0.509	ppbv	93
39) 1,2-Dichloropropane	7.050	63	43917m	0.498	ppbv	
40) 1,4-Dioxane	7.301	88	12527m	0.356	ppbv	
41) Tetrahydrofuran	5.565	42	33334	0.381	ppbv	98
42) Bromodichloromethane	7.230	83	75502	0.408	ppbv	97
43) Methyl Methacrylate	7.459	69	30713m	0.375	ppbv	
44) 2,2,4-Trimethylpentane	7.304	57	163358m	0.424	ppbv	
45) t-1,3-Dichloropropene	8.700	75	21112m	0.289	ppbv	

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Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024

Quant Time: Sep 17 02:54:10 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

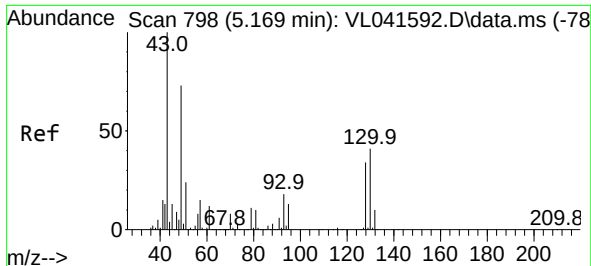
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Sep 17 02:32:57 2024

Response via : Initial Calibration

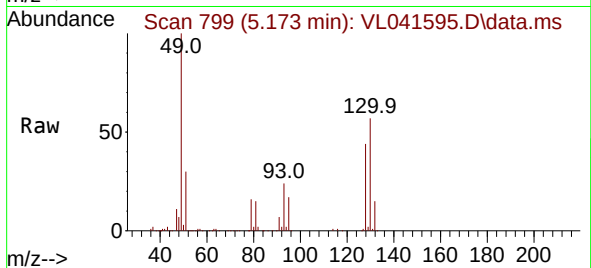
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.124	75	34329m	0.320	ppbv	
47) 1,1,2-Trichloroethane	8.877	97	44350	0.458	ppbv	94
48) Dibromochloromethane	9.690	129	59804	0.386	ppbv	97
49) Bromoform	12.384	173	45268	0.346	ppbv	98
50) 4-Methyl-2-Pentanone	8.179	43	89344	0.372	ppbv	98
51) 2-Hexanone	9.555	43	63111m	0.350	ppbv	
52) Tetrachloroethene	10.590	164	37541	0.425	ppbv	93
53) Toluene	9.201	91	85184m	0.334	ppbv	
54) 1,2-Dibromoethane	9.983	107	51961	0.408	ppbv #	79
56) 1,1,1,2-Tetrachloroethane	11.487	131	52485	0.486	ppbv #	1
57) Chlorobenzene	11.503	112	103210	0.520	ppbv	92
58) Ethyl Benzene	12.069	91	113783	0.355	ppbv	98
59) m/p-Xylene	12.346	91	227705m	0.822	ppbv	
60) o-Xylene	13.034	91	104742	0.399	ppbv	98
61) Styrene	12.873	104	36028m	0.305	ppbv	
62) Isopropylbenzene	14.011	105	174781	0.439	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.028	83	69215m	0.432	ppbv	
64) n-propylbenzene	14.899	120	42493	0.408	ppbv	81
65) tert-Butylbenzene	16.069	119	142100	0.395	ppbv	89
66) Benzyl Chloride	16.326	91	8767m	0.405	ppbv	
67) sec-Butylbenzene	16.619	105	227312	0.458	ppbv	97
69) p-Isopropyltoluene	16.976	119	159974	0.389	ppbv	95
70) n-Butylbenzene	17.873	91	170488	0.404	ppbv	97
71) 2-Chlorotoluene	14.780	91	116019	0.395	ppbv	100
72) 4-Ethyltoluene	15.172	105	119135	0.386	ppbv	97
73) 1,3,5-Trimethylbenzene	15.330	105	99684	0.375	ppbv	93
74) 1,2,4-Trimethylbenzene	16.089	105	140980	0.456	ppbv	94
75) 1,3-Dichlorobenzene	16.310	146	88268	0.455	ppbv	94
76) 1,4-Dichlorobenzene	16.455	146	91038	0.485	ppbv	96
77) 1,2-Dichlorobenzene	17.124	146	88906	0.463	ppbv	94
78) Hexachloro-1,3-Butadiene	22.609	225	84026m	0.515	ppbv	
79) Naphthalene	21.374	128	82517m	0.309	ppbv	
80) Naphthalene,2-methyl-	24.374	142	27711	0.129	ppbv	91
81) 1,2,4-Trichlorobenzene	21.120	180	53664	0.337	ppbv	93

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 79
Delta R.T. 0.004 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

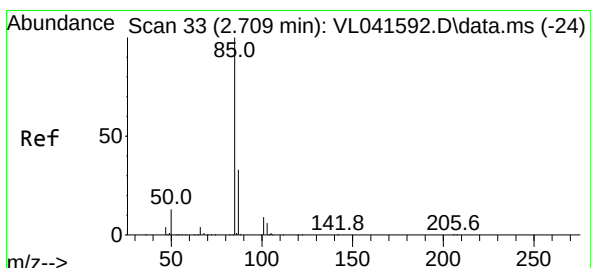
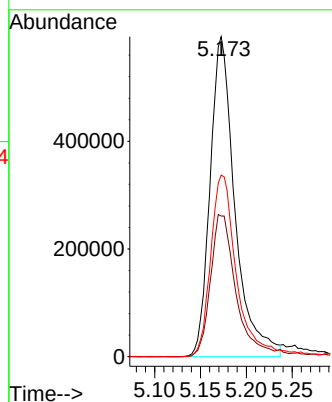
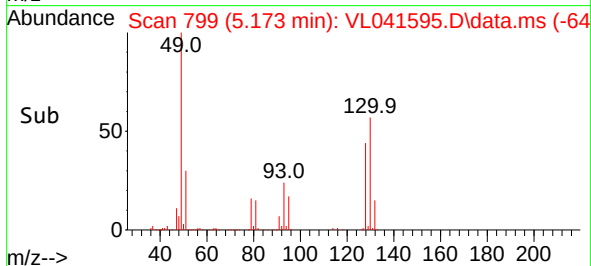
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 49 Resp: 111819
Ion Ratio Lower Upper
49 100
128 48.4 23.8 71.5
130 61.1 30.4 91.3

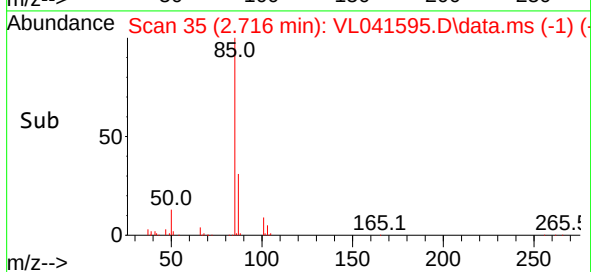
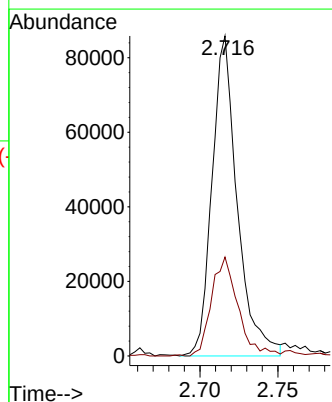
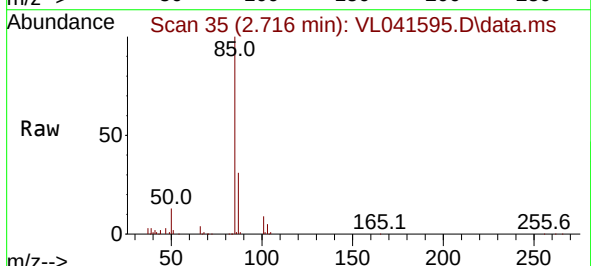
Manual Integrations
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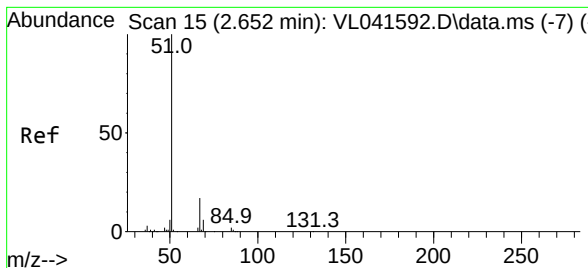
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#2
Dichlorodifluoromethane
Concen: 0.509 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.007 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 85 Resp: 96698
Ion Ratio Lower Upper
85 100
87 30.6 26.3 39.5





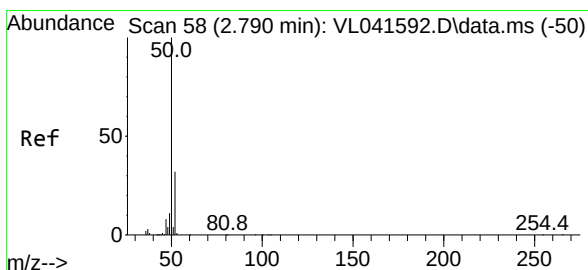
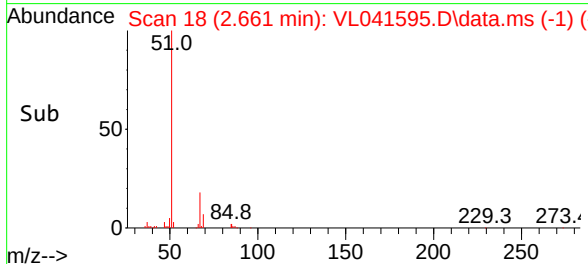
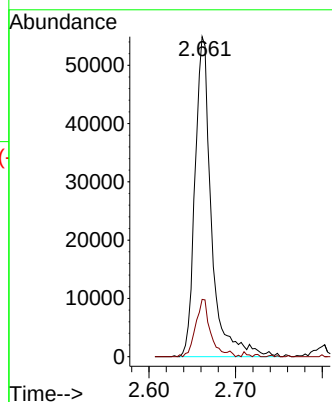
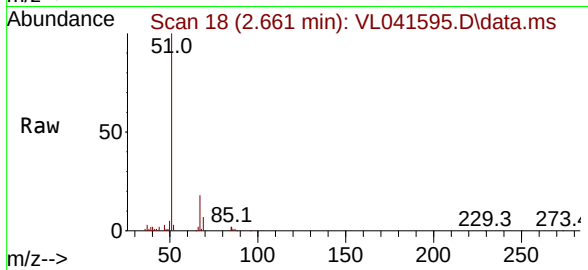
#3
Chlorodifluoromethane
Concen: 0.540 ppbv
RT: 2.661 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 51 Resp: 72262
Ion Ratio Lower Upper
51 100
67 17.2 14.1 21.1

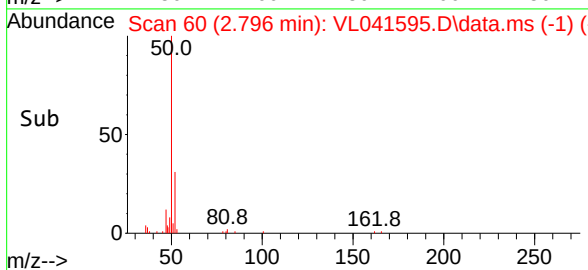
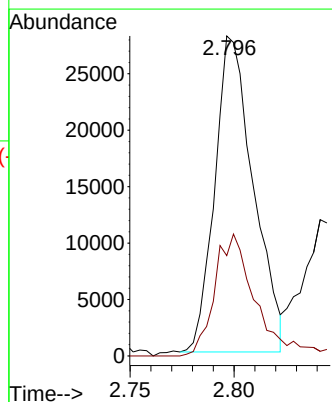
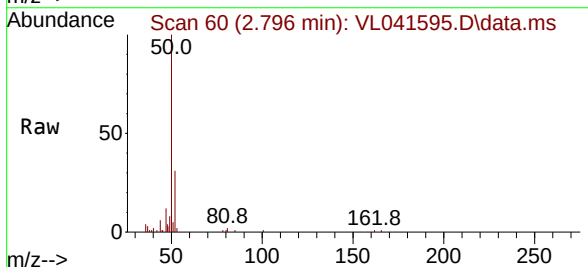
Manual Integrations
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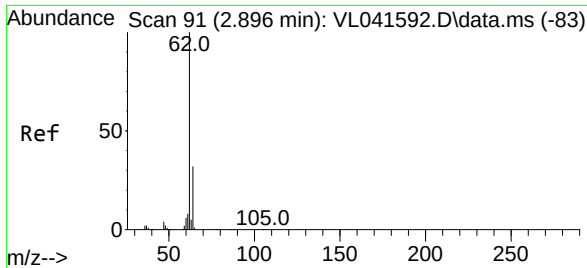
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#4
Chloromethane
Concen: 0.504 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.007 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

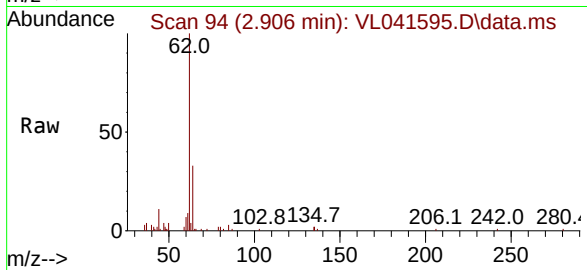
Tgt Ion: 50 Resp: 36222
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.2





#5
 Vinyl Chloride
 Concen: 0.477 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. 0.010 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

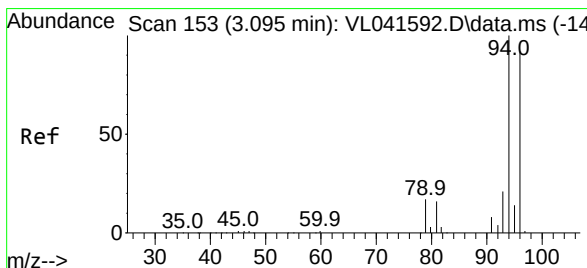
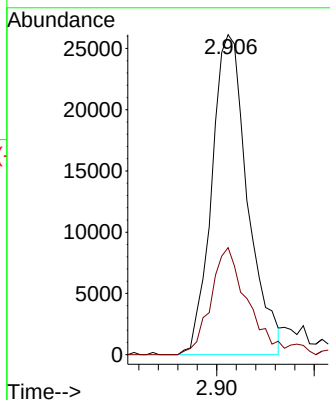
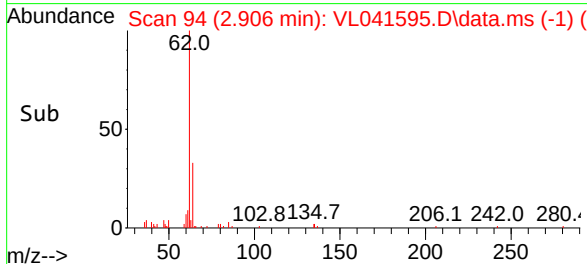
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



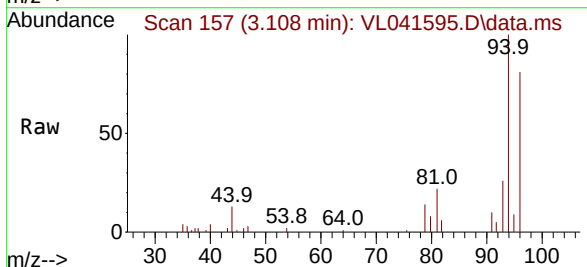
Tgt Ion: 62 Resp: 3344
 Ion Ratio Lower Upper
 62 100
 64 32.3 26.0 39.0

Manual Integrations
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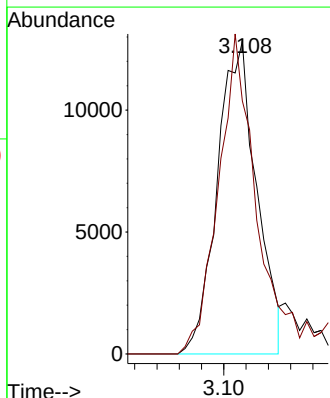
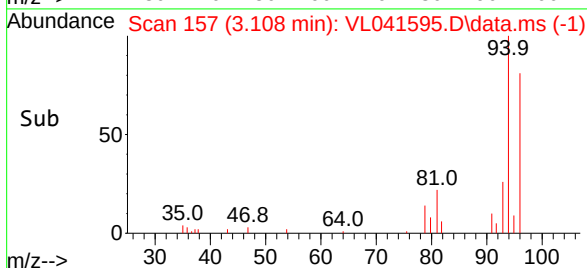
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024

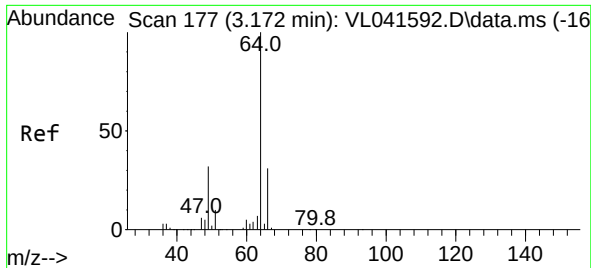


#6
 Bromomethane
 Concen: 0.443 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.013 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16



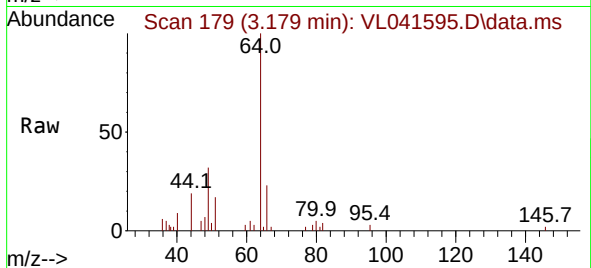
Tgt Ion: 94 Resp: 15696
 Ion Ratio Lower Upper
 94 100
 96 80.9 73.4 110.2





#7
Chloroethane
Concen: 0.502 ppbv
RT: 3.179 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

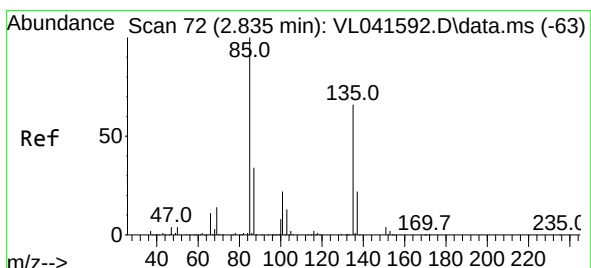
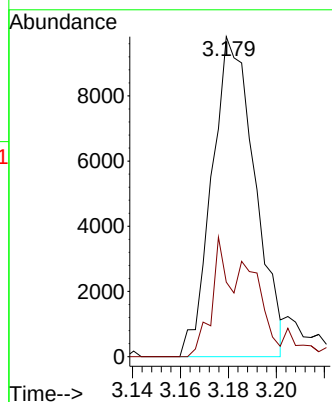
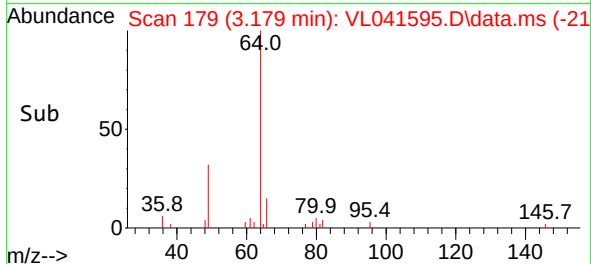
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 64 Resp: 1221
Ion Ratio Lower Upper
64 100
66 22.7 25.1 37.7

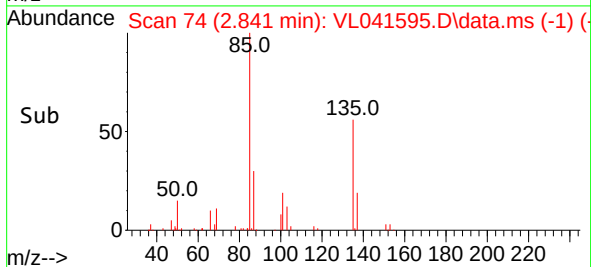
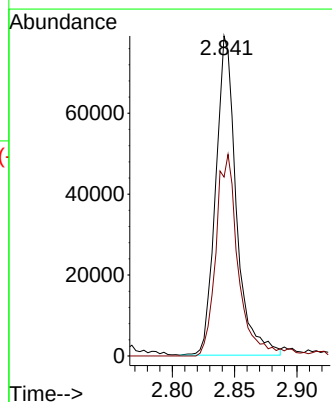
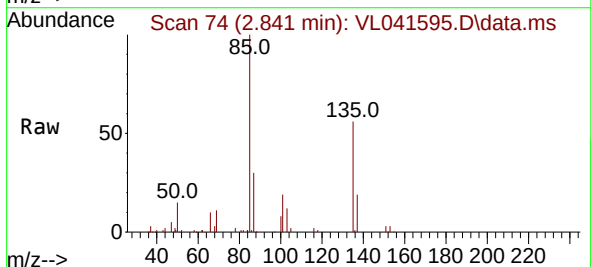
Manual Integrations
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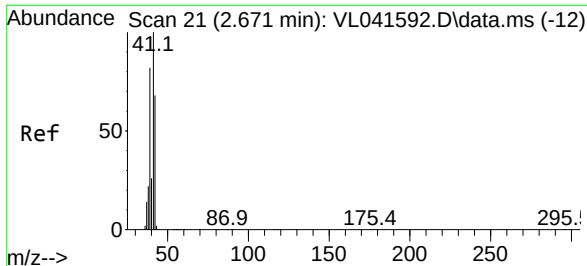
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#8
Dichlorotetrafluoroethane
Concen: 0.533 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.007 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

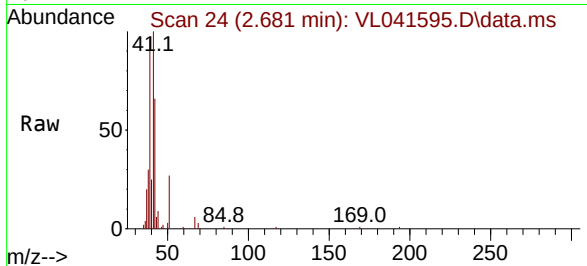
Tgt Ion: 85 Resp: 91334
Ion Ratio Lower Upper
85 100
135 70.5 53.9 80.9





#9
 Propene
 Concen: 0.473 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. 0.010 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

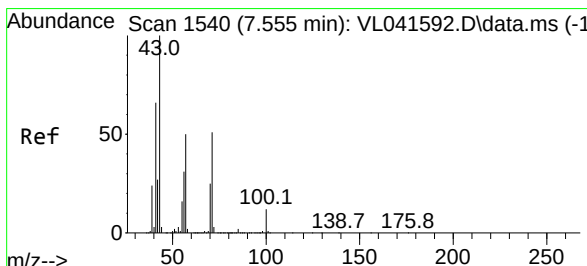
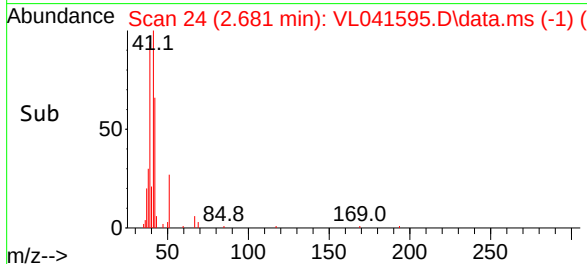
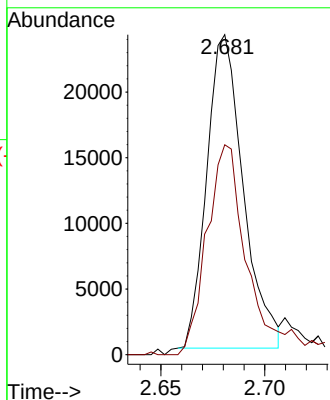
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 41 Resp: 29194
 Ion Ratio Lower Upper
 41 100
 42 79.1 55.2 82.8

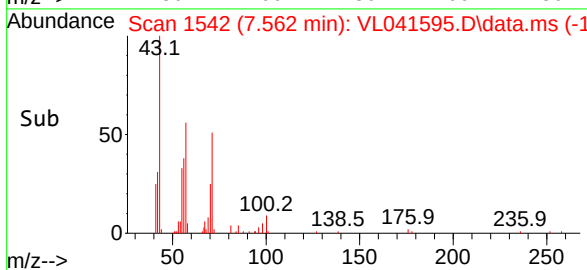
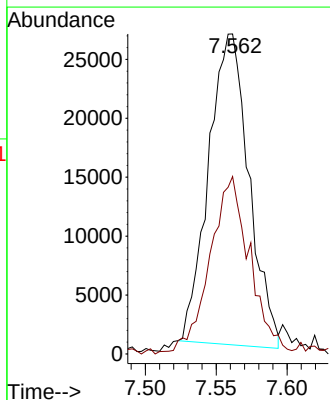
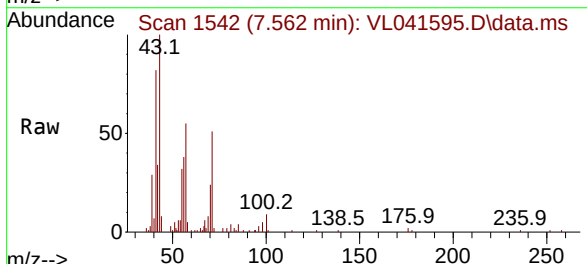
Manual Integrations
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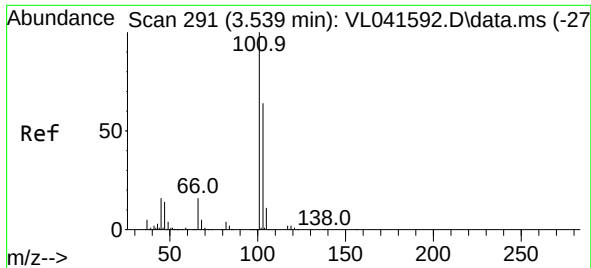
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#10
 Heptane
 Concen: 0.376 ppbv
 RT: 7.562 min Scan# 1542
 Delta R.T. 0.007 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

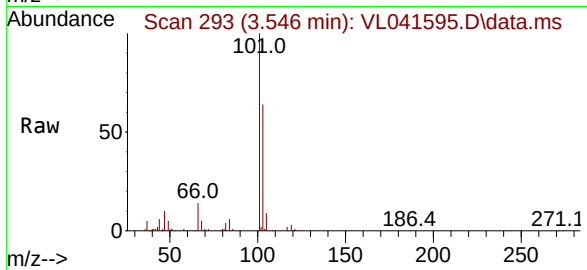
Tgt Ion: 43 Resp: 52235
 Ion Ratio Lower Upper
 43 100
 57 58.6 39.8 59.8





#11
 Trichlorofluoromethane
 Concen: 0.509 ppbv
 RT: 3.546 min Scan# 291
 Delta R.T. 0.007 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

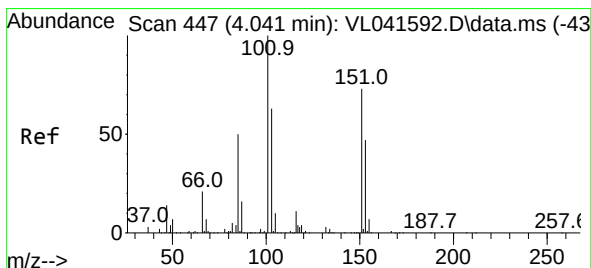
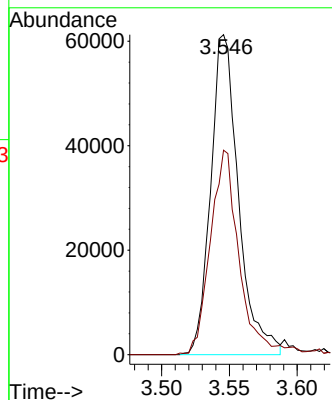
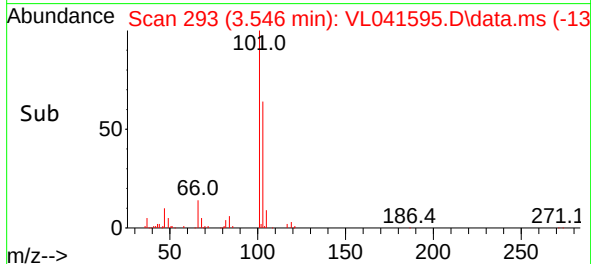
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



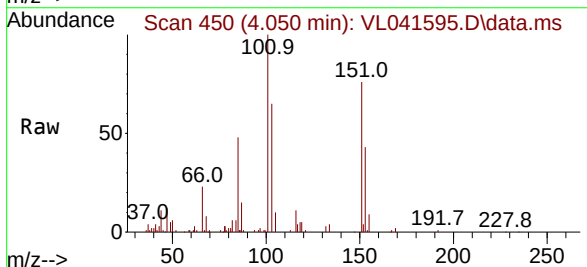
Tgt Ion:101 Resp: 8756
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.2 76.8

Manual Integrations
 APPROVED

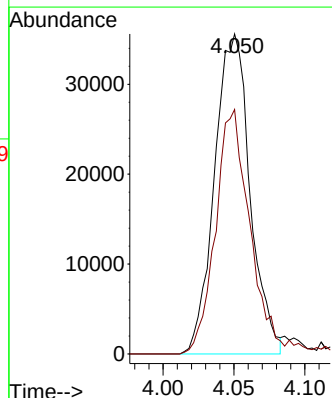
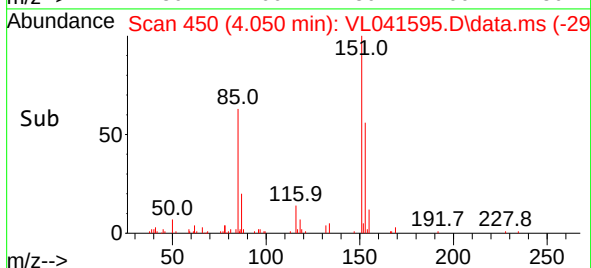
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024

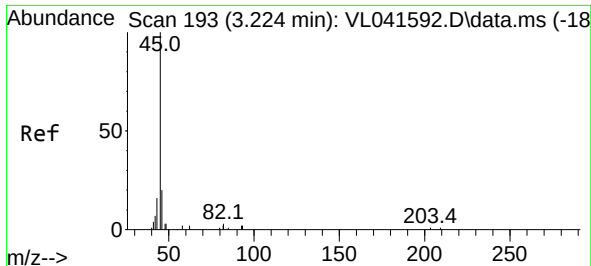


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.502 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. 0.010 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16



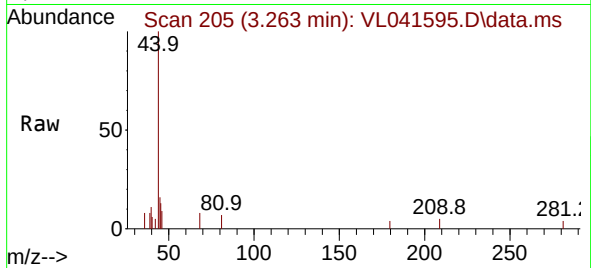
Tgt Ion:101 Resp: 62154
 Ion Ratio Lower Upper
 101 100
 151 76.0 59.4 89.2





#13
Ethanol
Concen: 0.398 ppbv m
RT: 3.263 min Scan# 205
Delta R.T. 0.039 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

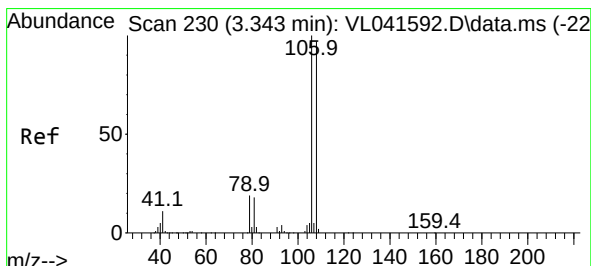
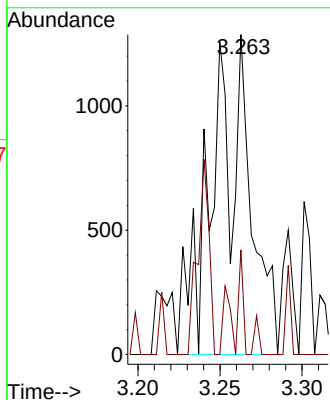
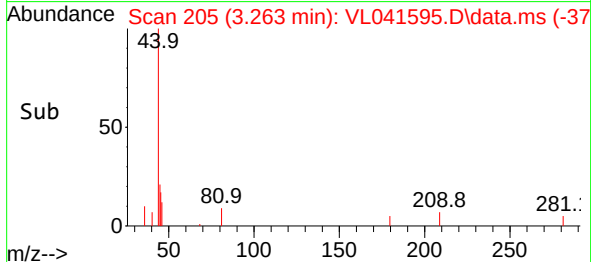
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



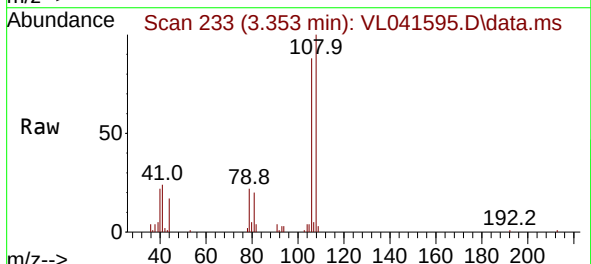
Tgt Ion: 45 Resp: 205
Ion Ratio Lower Upper
45 100
46 28.5 15.2 60.8

Manual Integrations
APPROVED

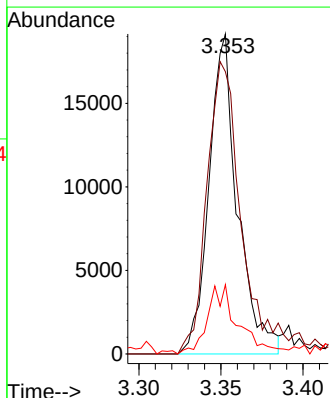
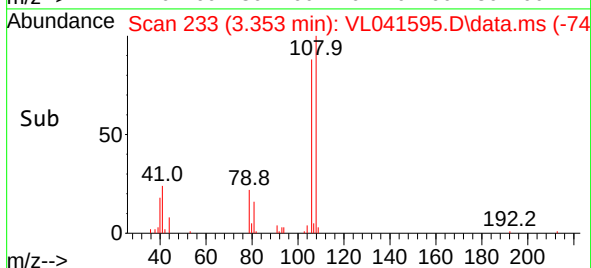
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

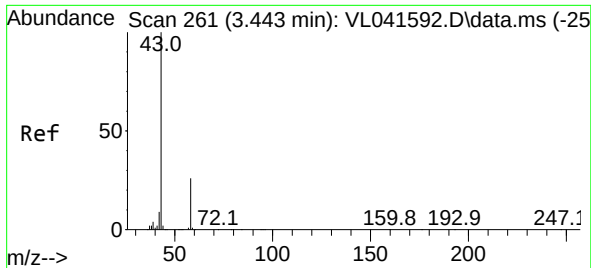


#14
Bromoethene
Concen: 0.482 ppbv
RT: 3.353 min Scan# 233
Delta R.T. 0.010 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16



Tgt Ion:108 Resp: 23214
Ion Ratio Lower Upper
108 100
106 116.1 86.5 129.7
79 26.7 16.2 24.4#





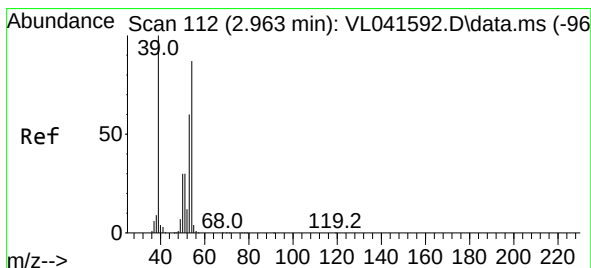
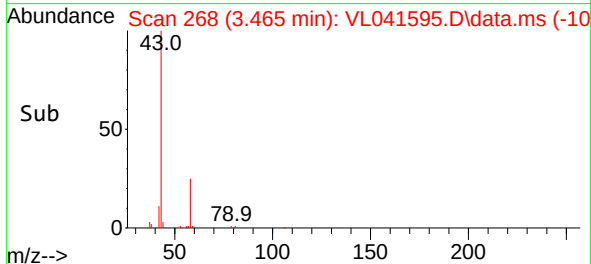
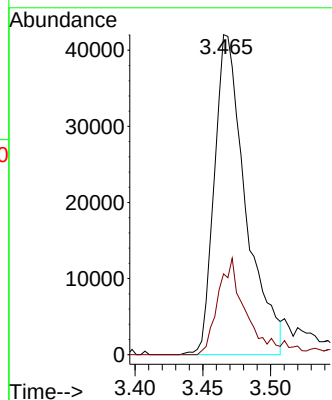
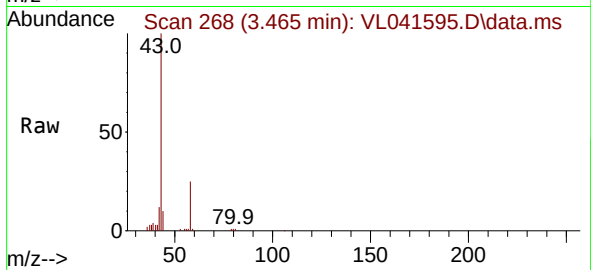
#15
Acetone
Concen: 0.529 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.023 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 6761
Ion Ratio Lower Upper
43 100
58 27.7 21.5 32.3

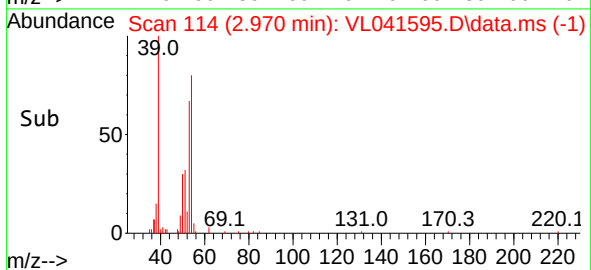
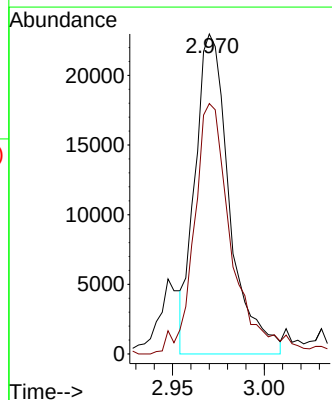
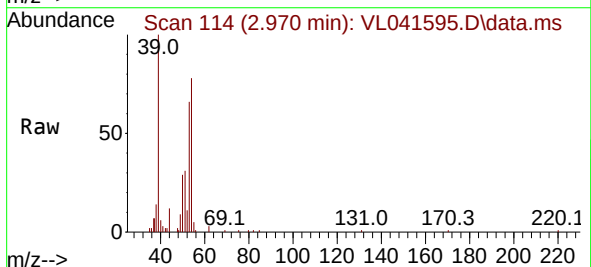
Manual Integrations
APPROVED

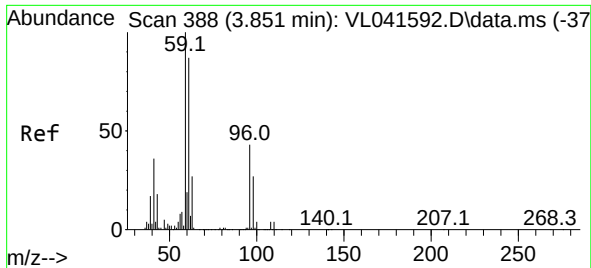
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#16
1,3-Butadiene
Concen: 0.439 ppbv
RT: 2.970 min Scan# 114
Delta R.T. 0.007 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 39 Resp: 30037
Ion Ratio Lower Upper
39 100
54 86.6 62.9 94.3





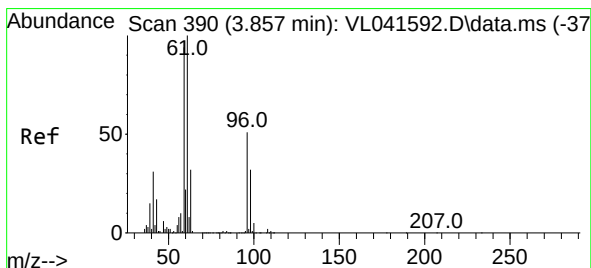
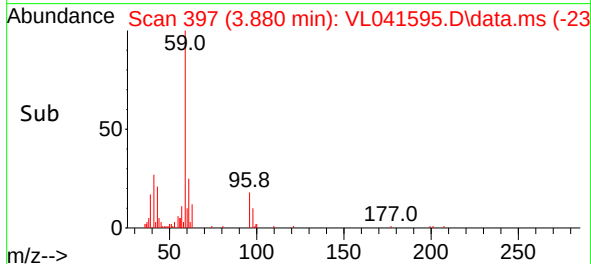
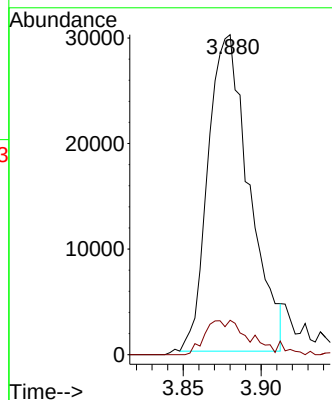
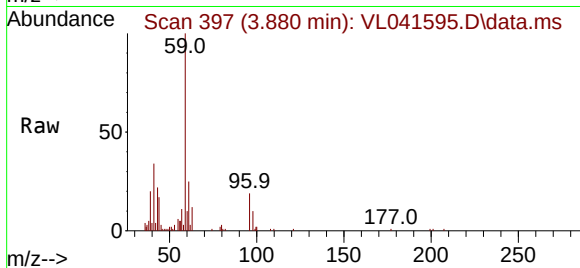
#17
tert-Butyl alcohol
Concen: 0.472 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.029 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 59 Resp: 5509
Ion Ratio Lower Upper
59 100
57 12.4 8.7 13.1

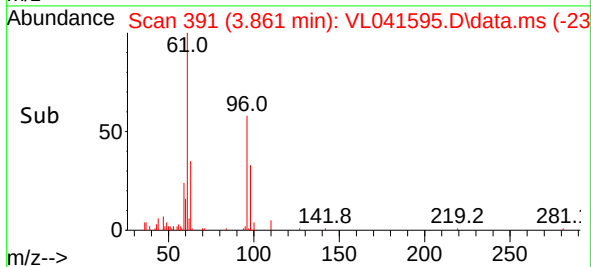
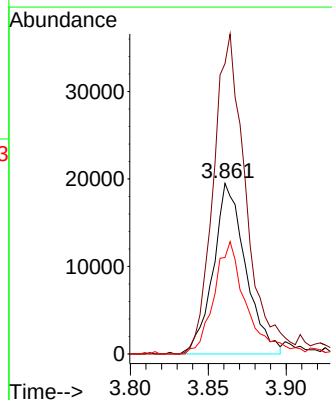
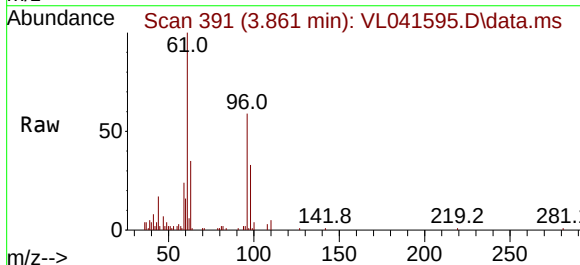
Manual Integrations
APPROVED

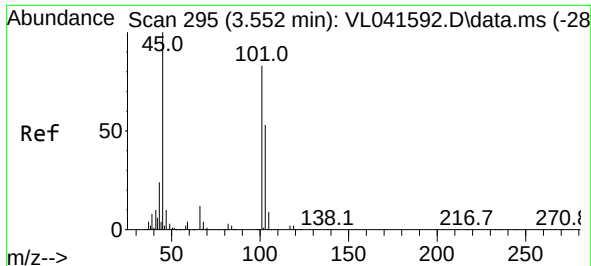
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#18
1,1-Dichloroethene
Concen: 0.530 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

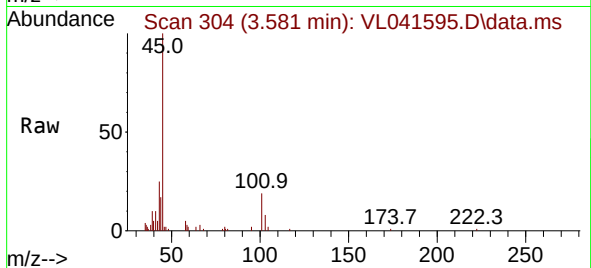
Tgt Ion: 96 Resp: 28134
Ion Ratio Lower Upper
96 100
61 170.3 155.6 233.4
98 56.6 50.6 75.8





#19
Isopropyl Alcohol
Concen: 0.421 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.029 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

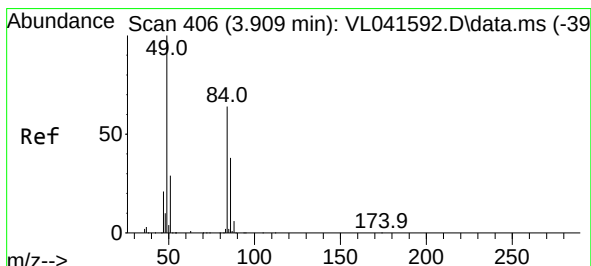
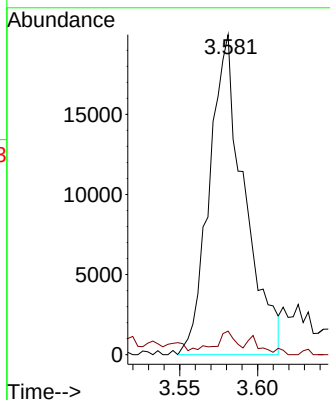
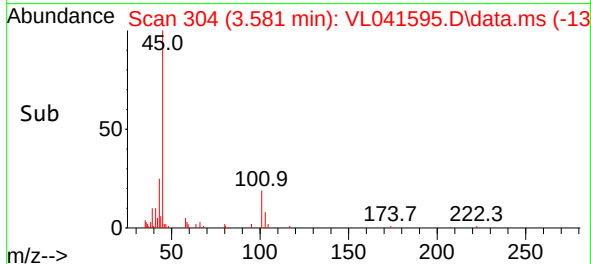
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



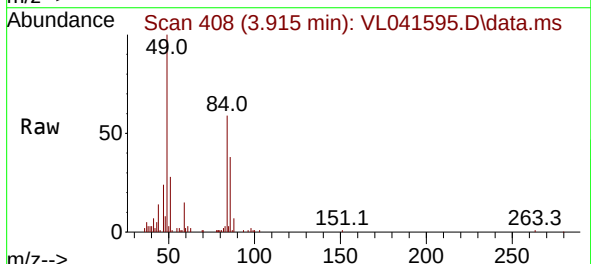
Tgt Ion: 45 Resp: 31089
Ion Ratio Lower Upper
45 100
58 7.2 2.1 3.1

Manual Integrations
APPROVED

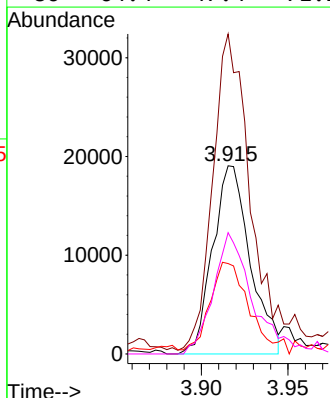
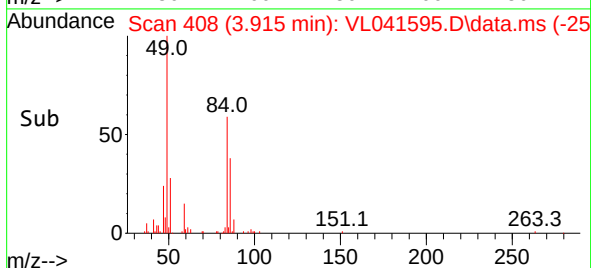
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

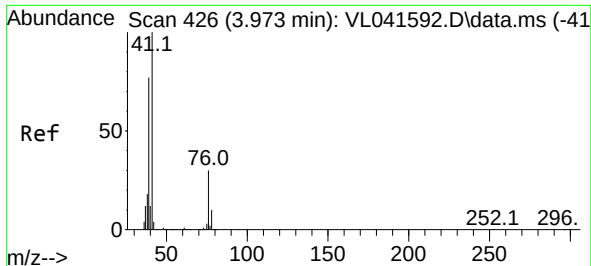


#20
Methylene Chloride
Concen: 0.602 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.007 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16



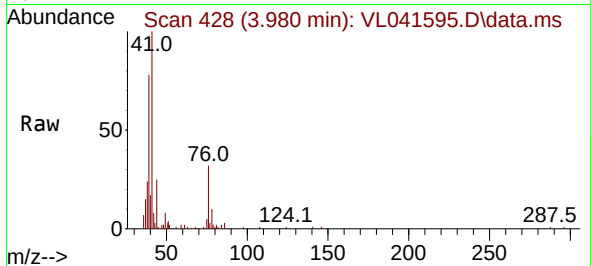
Tgt Ion: 84 Resp: 28746
Ion Ratio Lower Upper
84 100
49 168.1 124.3 186.5
51 45.8 36.3 54.5
86 64.4 47.4 71.2





#21
 Allyl Chloride
 Concen: 0.487 ppbv
 RT: 3.980 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

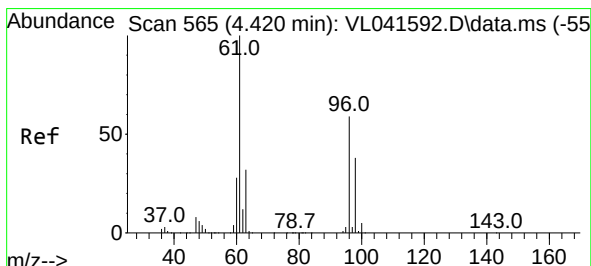
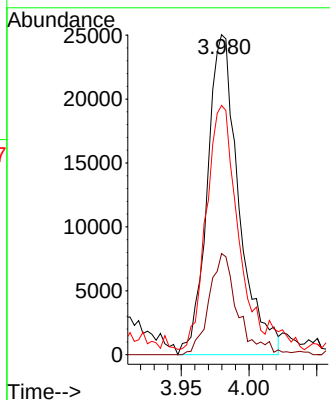
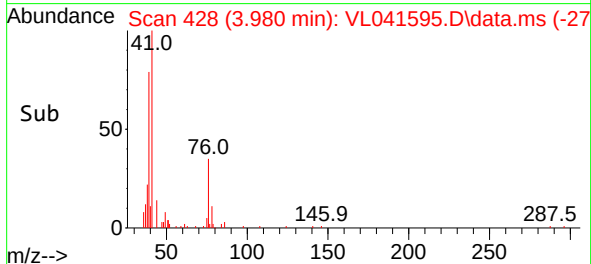
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 41 Resp: 4069
 Ion Ratio Lower Upper
 41 100
 76 29.0 23.8 35.6
 39 87.9 63.9 95.9

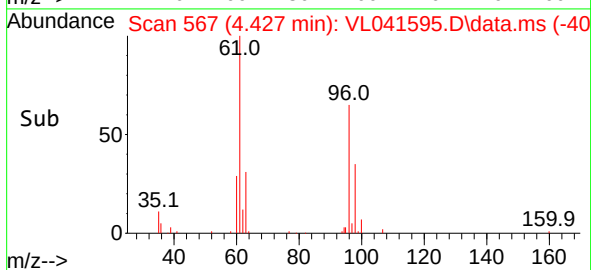
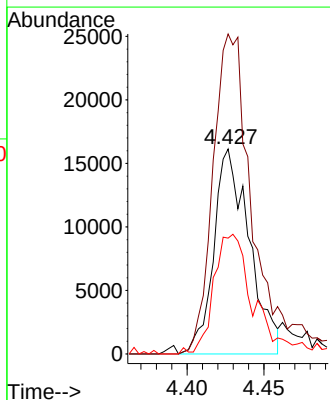
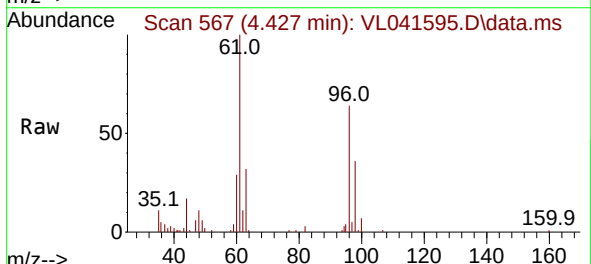
Manual Integrations
 APPROVED

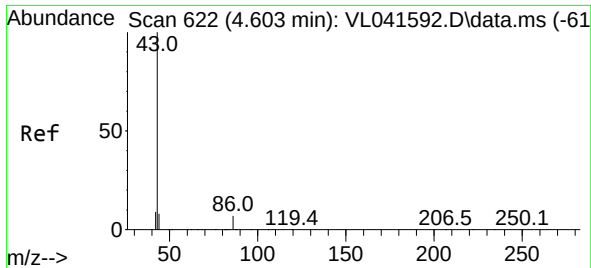
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#22
 trans-1,2-Dichloroethene
 Concen: 0.490 ppbv m
 RT: 4.427 min Scan# 567
 Delta R.T. 0.007 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

Tgt Ion: 96 Resp: 25914
 Ion Ratio Lower Upper
 96 100
 61 156.1 135.7 203.5
 98 56.5 50.9 76.3





#23
 Vinyl Acetate
 Concen: 0.393 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

ClientSampleId :

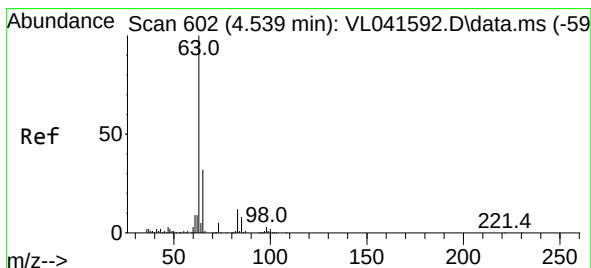
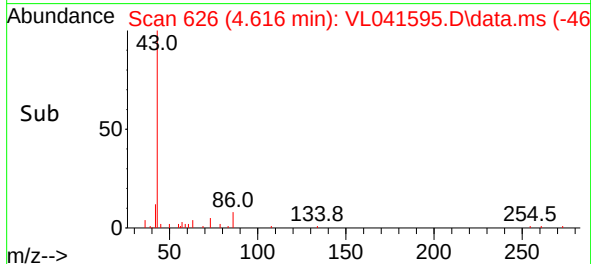
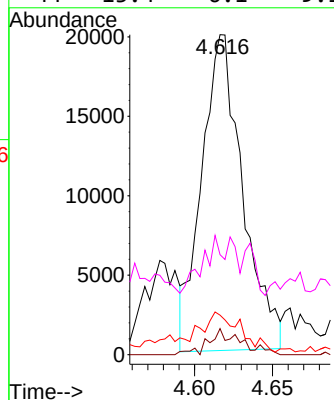
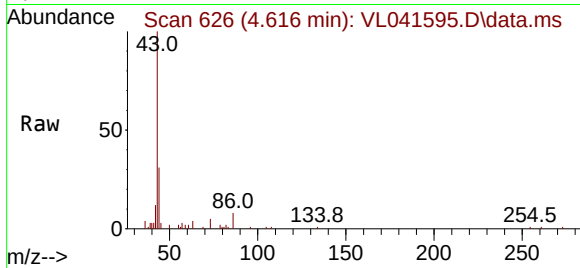
VSTDIC0.5

Tgt Ion: 43 Resp: 36408
 Ion Ratio Lower Upper
 43 100
 86 9.1 4.9 7.3#
 42 11.7 8.0 12.0
 44 13.4 6.1 9.1#

Manual Integrations

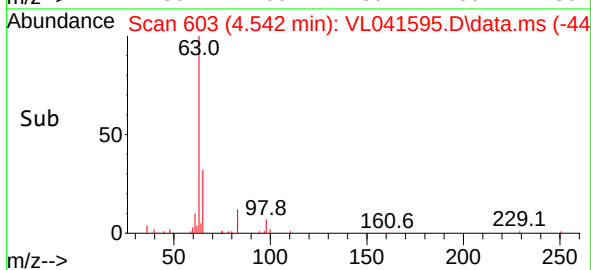
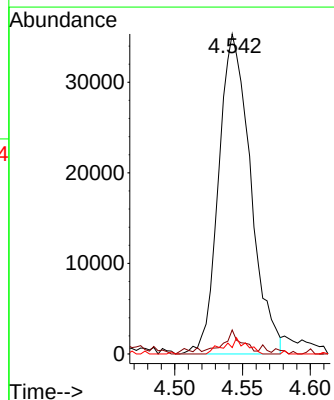
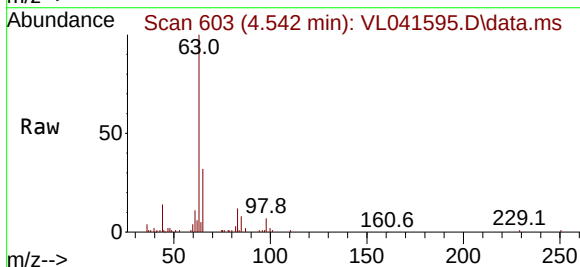
APPROVED

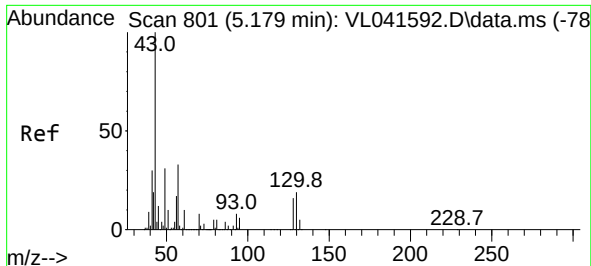
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#24
 1,1-Dichloroethane
 Concen: 0.501 ppbv
 RT: 4.542 min Scan# 603
 Delta R.T. 0.003 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

Tgt Ion: 63 Resp: 57781
 Ion Ratio Lower Upper
 63 100
 98 6.7 1.7 5.1#
 100 2.0 1.1 3.3





#25

Ethyl Acetate

Concen: 0.469 ppbv

RT: 5.192 min Scan# 805

Delta R.T. 0.013 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

ClientSampleId :

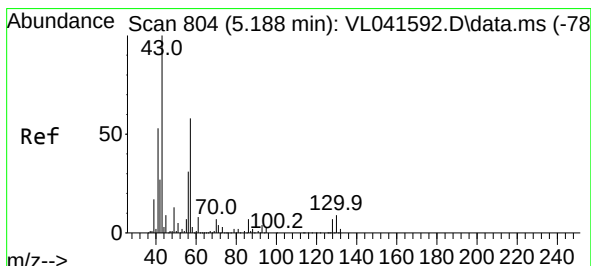
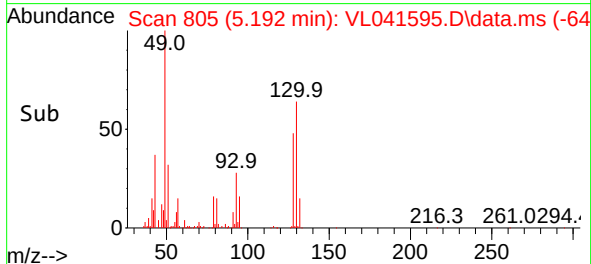
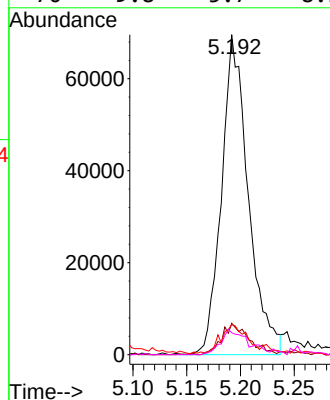
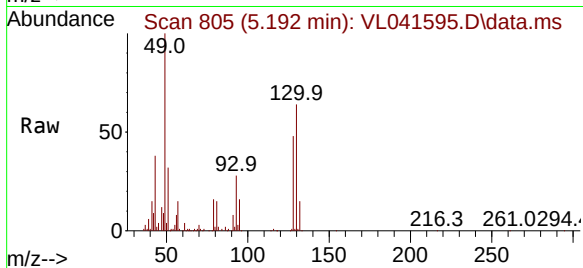
VSTDIC0.5

Tgt Ion:	43	Resp:	12019
Ion Ratio	Lower	Upper	
43	100		
45	10.9	8.2	12.2
61	10.8	8.0	12.0
70	9.8	5.7	8.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#26

Hexane

Concen: 0.454 ppbv

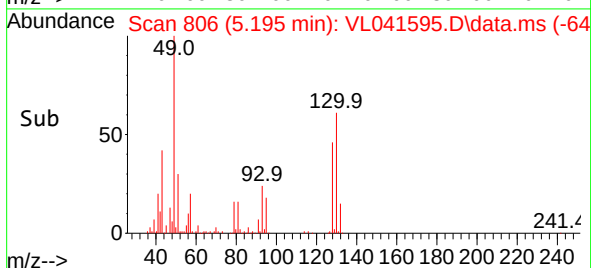
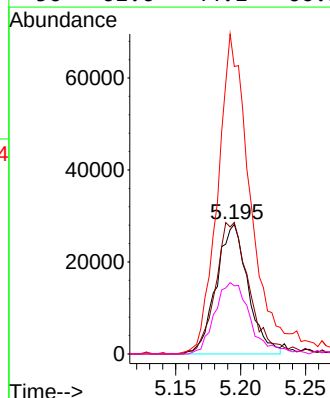
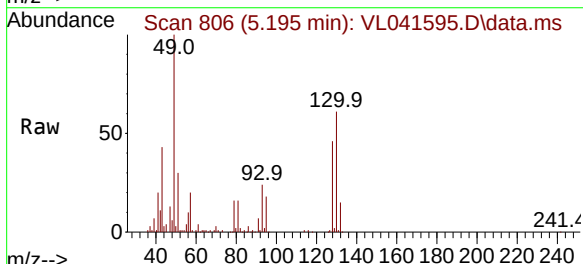
RT: 5.195 min Scan# 806

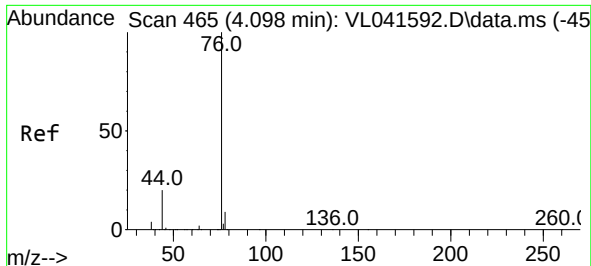
Delta R.T. 0.007 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

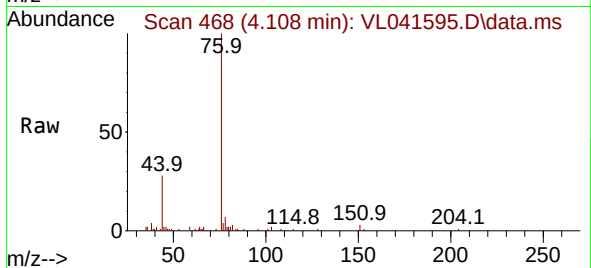
Tgt Ion:	57	Resp:	47903
Ion Ratio	Lower	Upper	
57	100		
41	109.2	75.7	113.5
43	262.1	198.5	297.7
56	61.6	44.1	66.1





#27
Carbon Disulfide
Concen: 0.385 ppbv
RT: 4.108 min Scan# 40
Delta R.T. 0.010 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

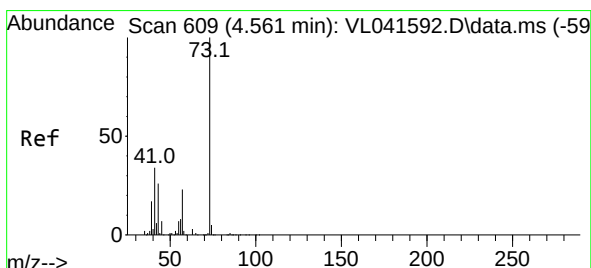
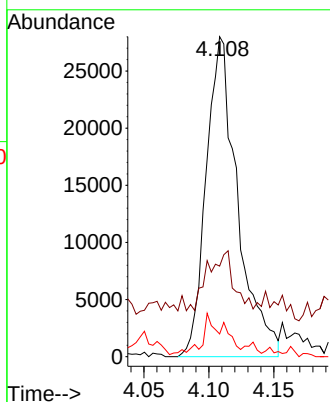
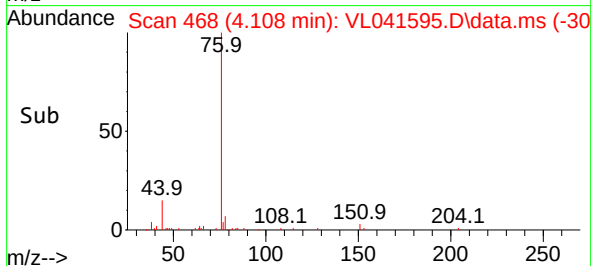
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 76 Resp: 47050
Ion Ratio Lower Upper
76 100
44 30.5 15.8 23.8
78 13.4 7.5 11.3

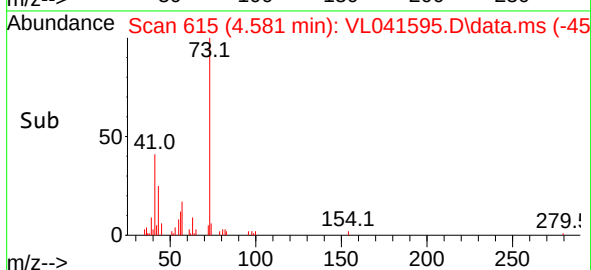
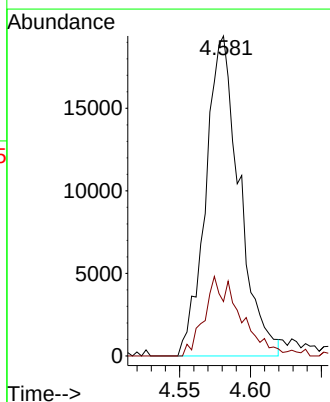
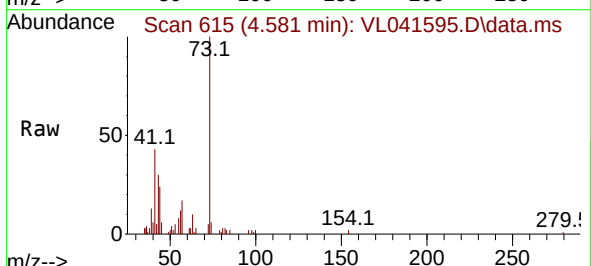
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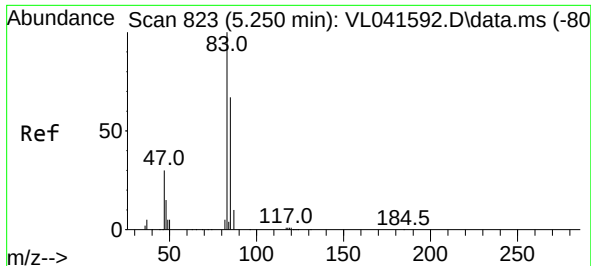
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#28
Methyl tert-Butyl Ether
Concen: 0.485 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.019 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 73 Resp: 32069
Ion Ratio Lower Upper
73 100
57 27.8 19.3 28.9





#29

Chloroform

Concen: 0.521 ppbv

RT: 5.250 min Scan# 823

Delta R.T. 0.000 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 83 Resp: 89470

Ion Ratio Lower Upper

83 100

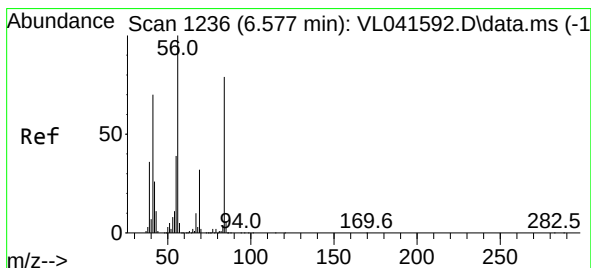
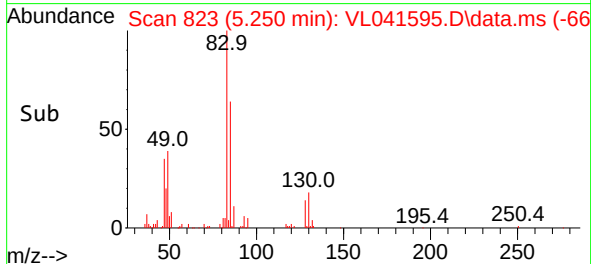
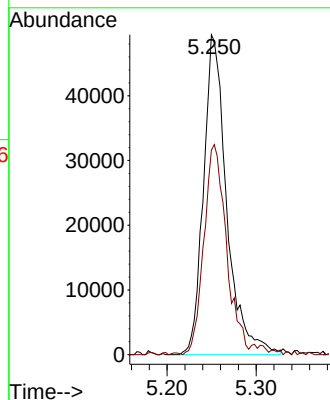
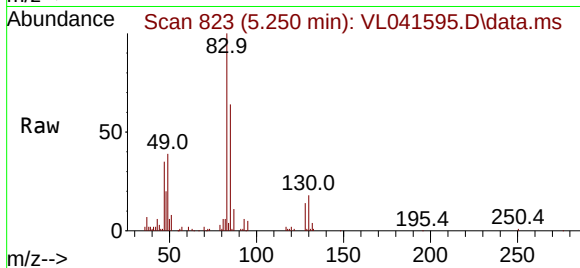
85 63.5 53.8 80.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#30

Cyclohexane

Concen: 0.377 ppbv

RT: 6.578 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

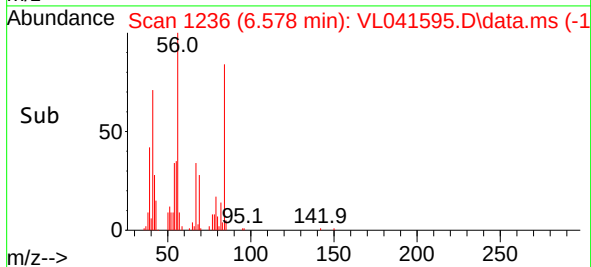
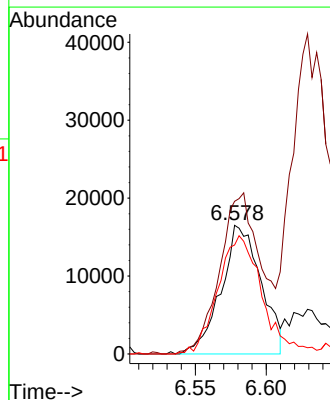
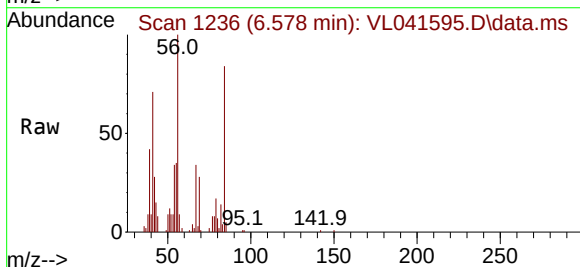
Tgt Ion: 84 Resp: 32343

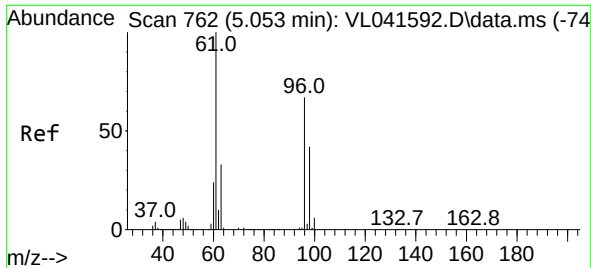
Ion Ratio Lower Upper

84 100

56 124.1 111.5 167.3

41 103.9 70.9 106.3





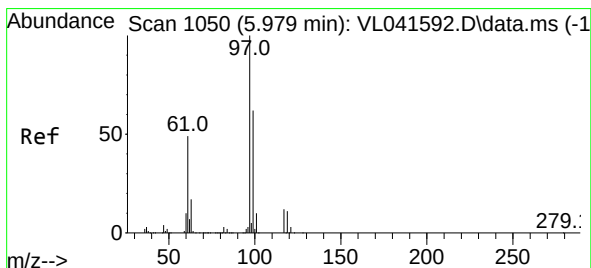
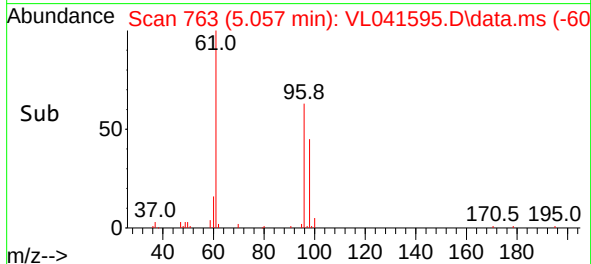
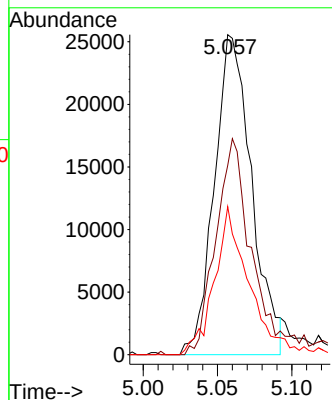
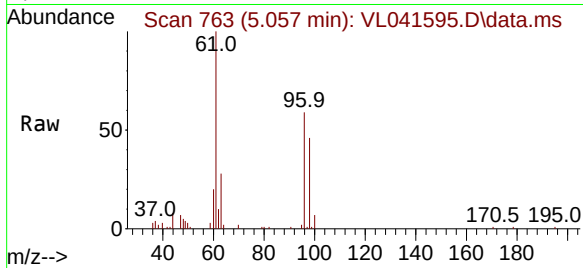
#31
 cis-1,2-Dichloroethene
 Concen: 0.430 ppbv
 RT: 5.057 min Scan# 762
 Delta R.T. 0.003 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 61 Resp: 44569
 Ion Ratio Lower Upper
 61 100
 96 59.2 53.5 80.3
 98 46.3 33.7 50.5

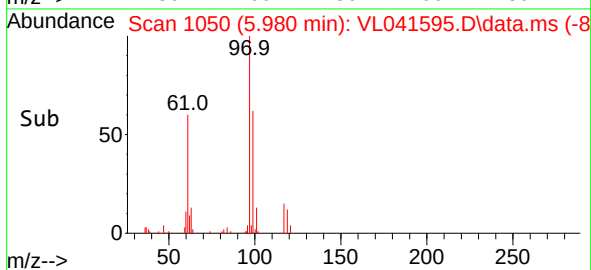
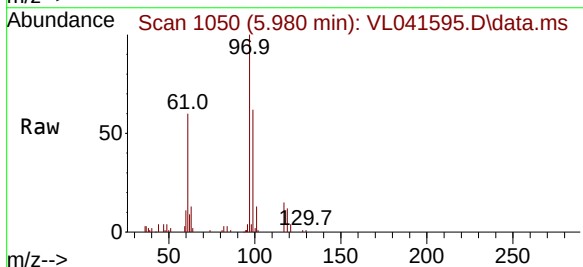
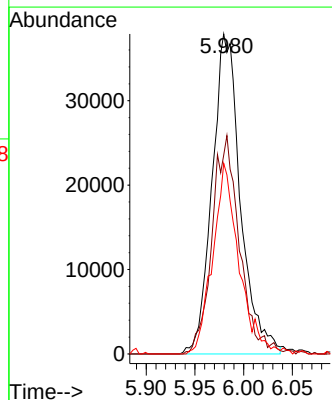
Manual Integrations
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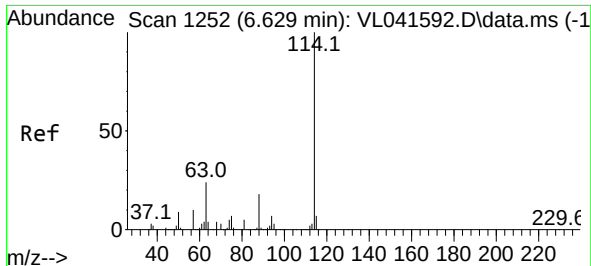
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#32
 1,1,1-Trichloroethane
 Concen: 0.458 ppbv
 RT: 5.980 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

Tgt Ion: 97 Resp: 76483
 Ion Ratio Lower Upper
 97 100
 99 66.7 51.0 76.4
 61 55.8 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:114 Resp: 3133918

Ion Ratio Lower Upper

114 100

63 25.2 20.2 30.2

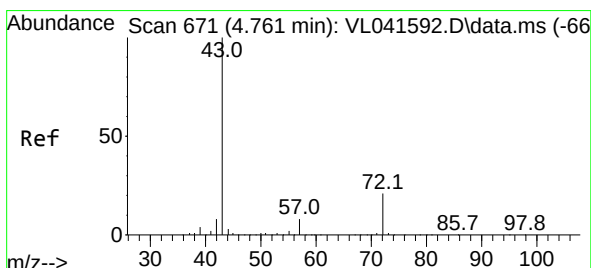
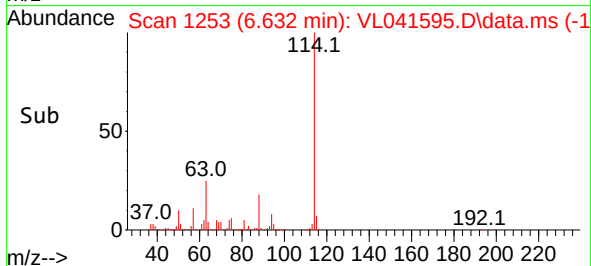
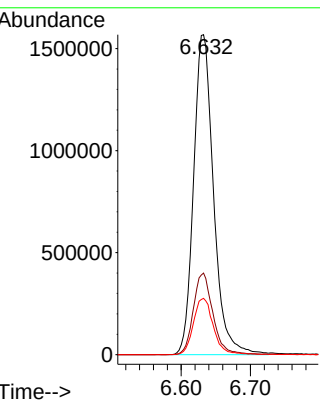
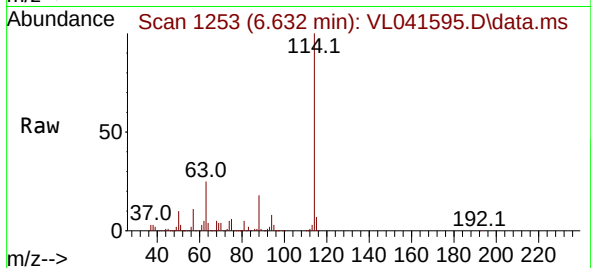
88 17.7 14.2 21.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#34

2-Butanone

Concen: 0.441 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.019 min

Lab File: VL041595.D

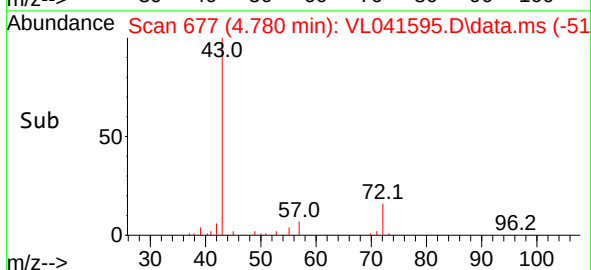
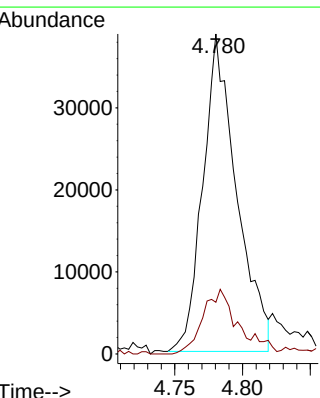
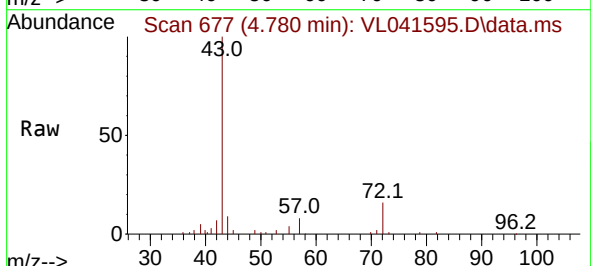
Acq: 16 Sep 2024 15:16

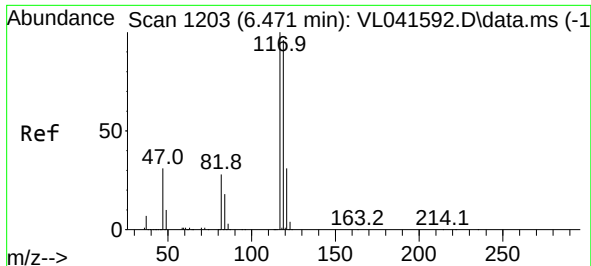
Tgt Ion: 43 Resp: 66980

Ion Ratio Lower Upper

43 100

72 23.3 16.8 25.2





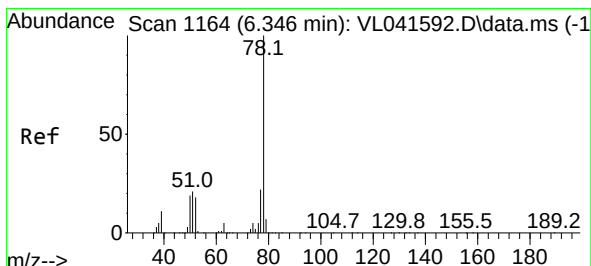
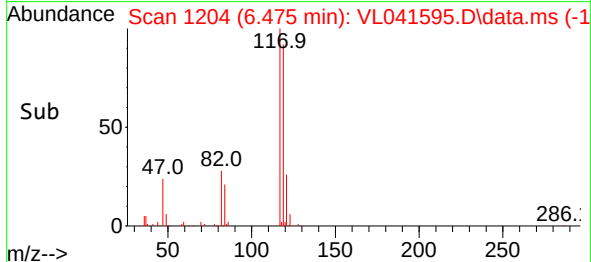
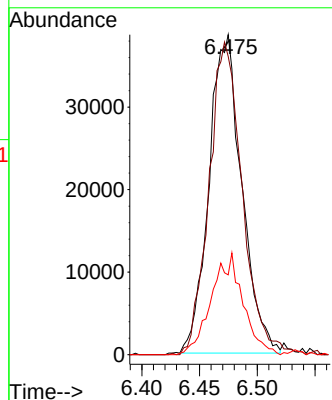
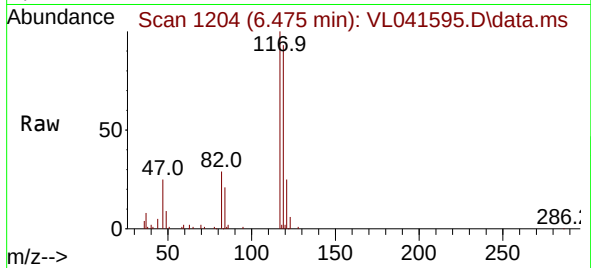
#35
Carbon Tetrachloride
Concen: 0.441 ppbv
RT: 6.475 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 117 Resp: 76200
Ion Ratio Lower Upper
117 100
119 93.7 76.8 115.2
121 25.1 25.0 37.6

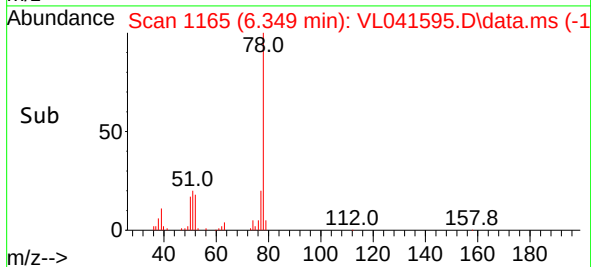
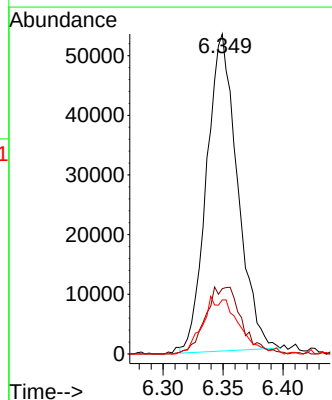
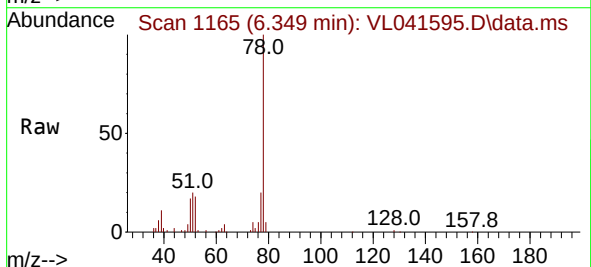
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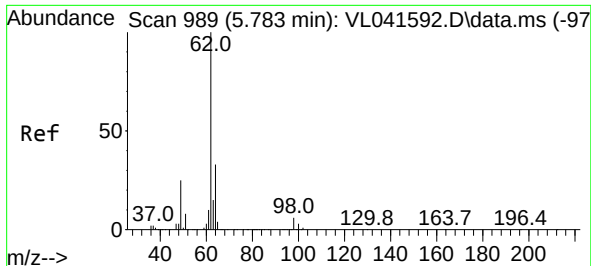
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#36
Benzene
Concen: 0.415 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 78 Resp: 95200
Ion Ratio Lower Upper
78 100
77 20.2 17.8 26.6
50 16.6 15.4 23.0





#37

1,2-Dichloroethane

Concen: 0.483 ppbv

RT: 5.787 min Scan# 989

Delta R.T. 0.003 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 62 Resp: 6204

Ion Ratio Lower Upper

62 100

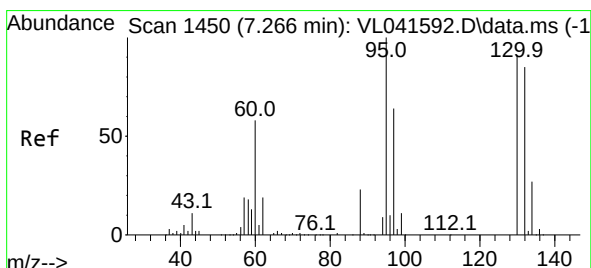
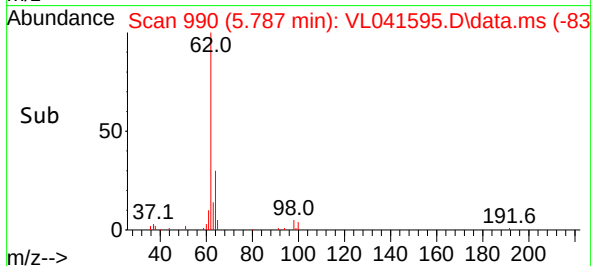
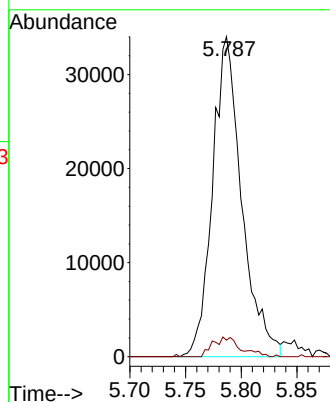
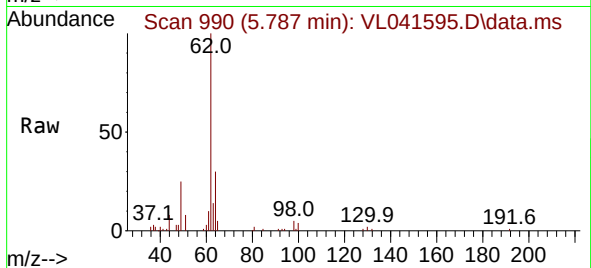
98 5.9 4.8 7.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#38

Trichloroethene

Concen: 0.509 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.007 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Tgt Ion:130 Resp: 54770

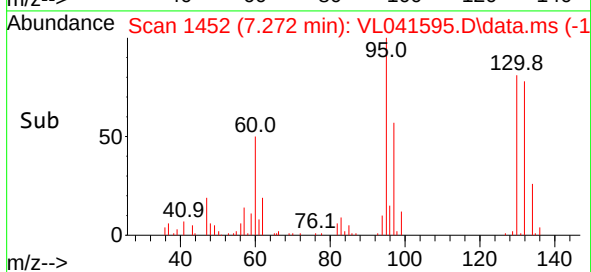
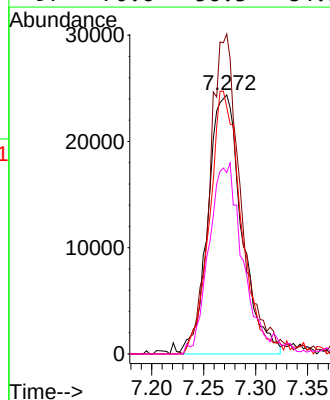
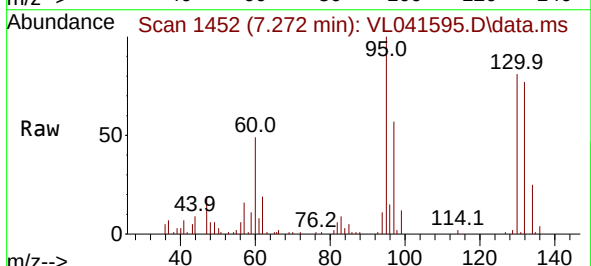
Ion Ratio Lower Upper

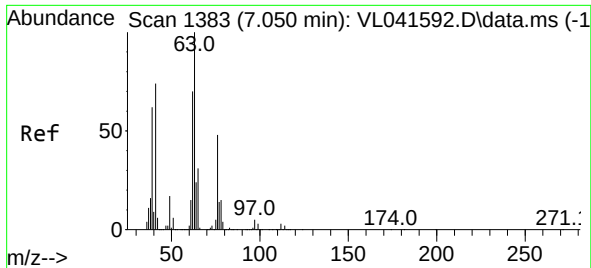
130 100

95 123.8 87.7 131.5

132 96.0 74.5 111.7

97 70.6 56.3 84.5





#39

1,2-Dichloropropane

Concen: 0.498 ppbv m

RT: 7.050 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL041595.D

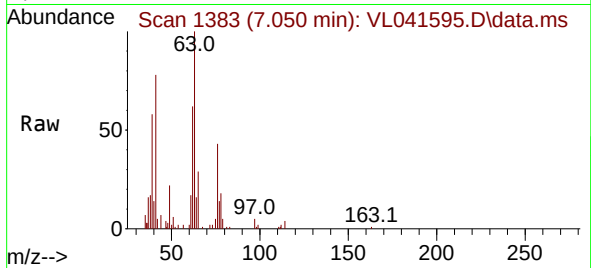
Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

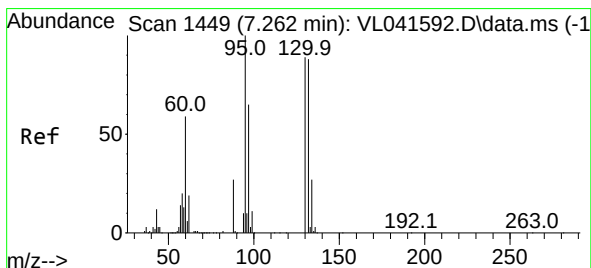
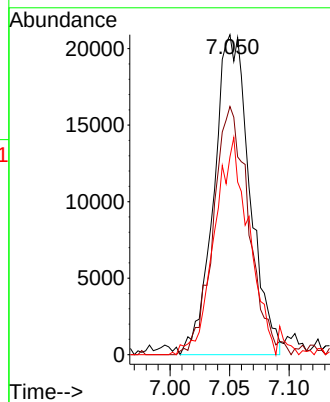
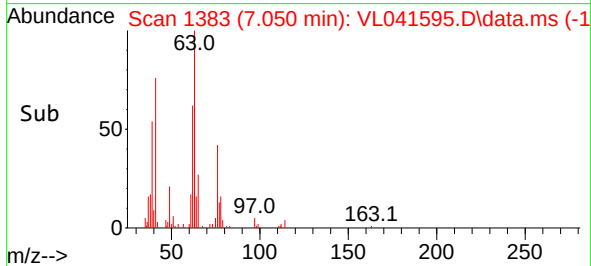


Tgt Ion: 63	Resp: 4391
Ion Ratio	Lower Upper
63	100
41	77.5 59.5 89.3
62	61.8 56.2 84.2

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Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#40

1,4-Dioxane

Concen: 0.356 ppbv m

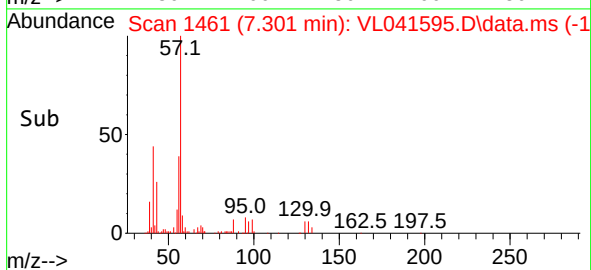
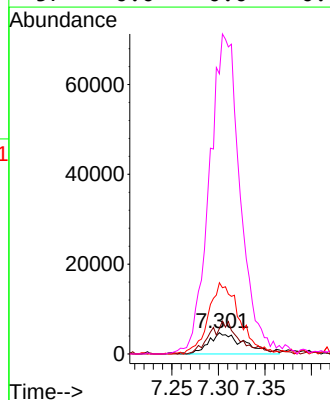
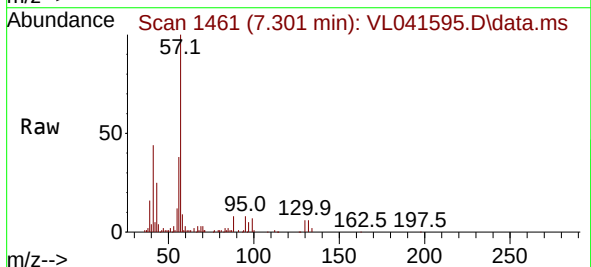
RT: 7.301 min Scan# 1461

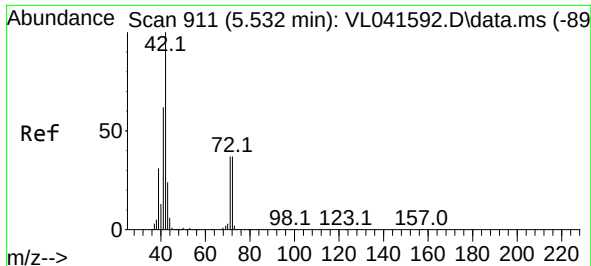
Delta R.T. 0.039 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

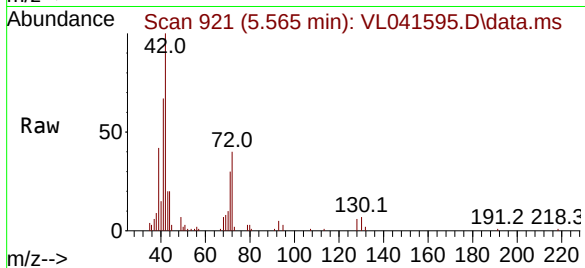
Tgt Ion: 88	Resp: 12527
Ion Ratio	Lower Upper
88	100
58	0.0 100.2 150.4#
43	0.0 0.0 0.0
57	0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 0.381 ppbv
RT: 5.565 min Scan# 911
Delta R.T. 0.032 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

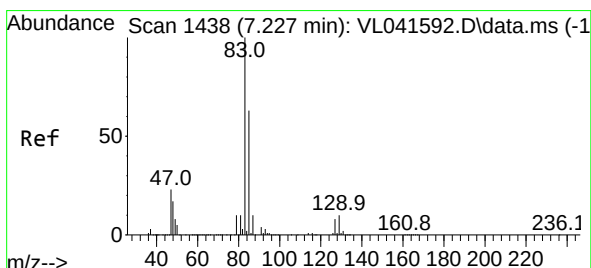
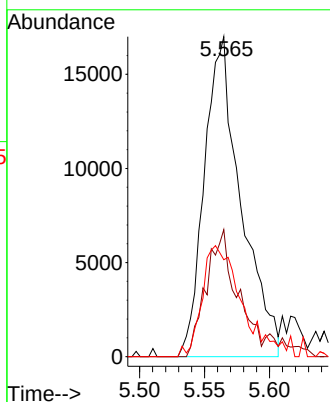
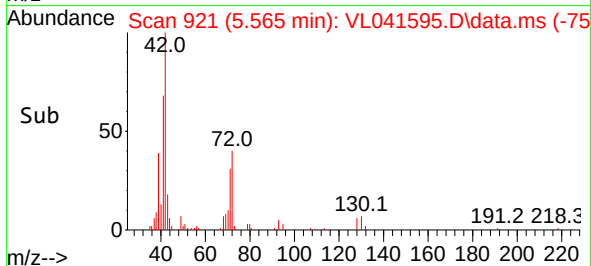
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



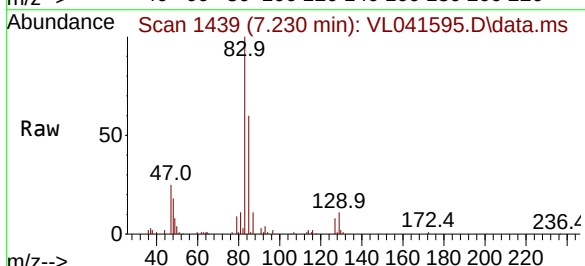
Tgt Ion: 42 Resp: 33334
Ion Ratio Lower Upper
42 100
72 38.2 30.2 45.2
71 38.6 29.6 44.4

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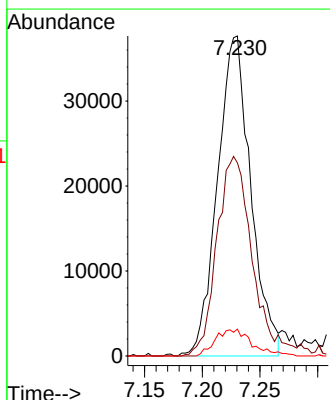
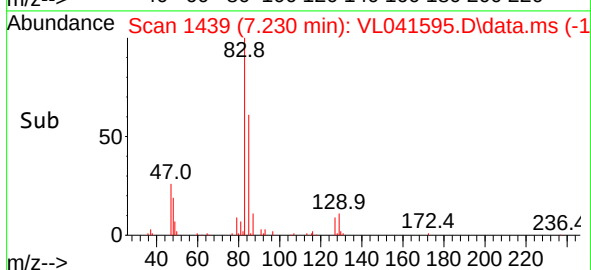
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

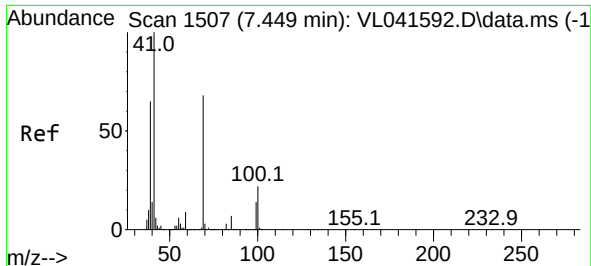


#42
Bromodichloromethane
Concen: 0.408 ppbv
RT: 7.230 min Scan# 1439
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16



Tgt Ion: 83 Resp: 75502
Ion Ratio Lower Upper
83 100
85 60.4 50.5 75.7
127 8.4 6.5 9.7





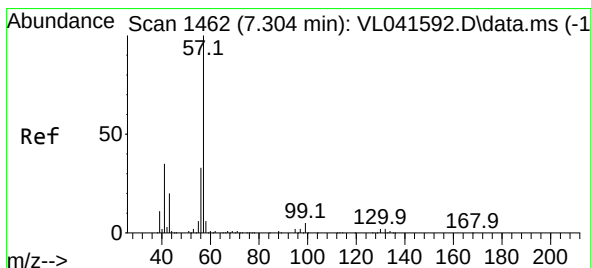
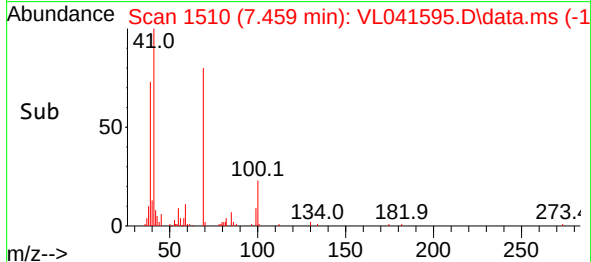
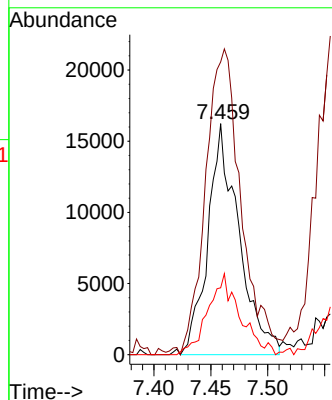
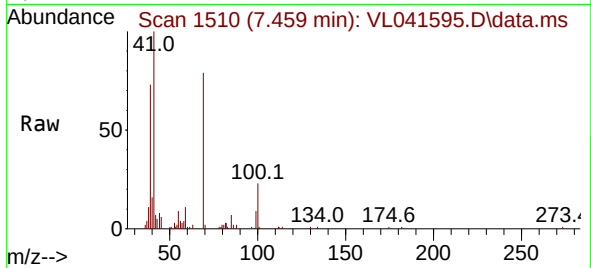
#43
Methyl Methacrylate
Concen: 0.375 ppbv m
RT: 7.459 min Scan# 1507
Delta R.T. 0.010 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 3071
Ion Ratio Lower Upper
69 100
41 153.1 121.8 182.6
100 36.8 26.5 39.7

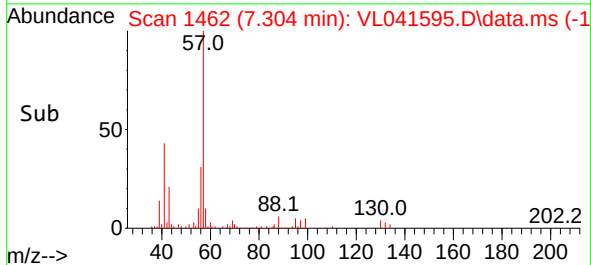
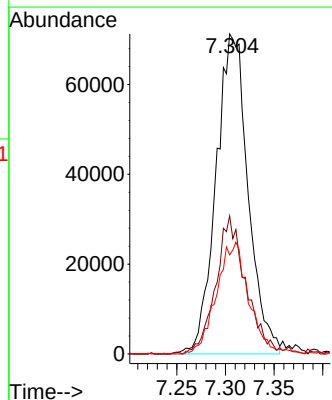
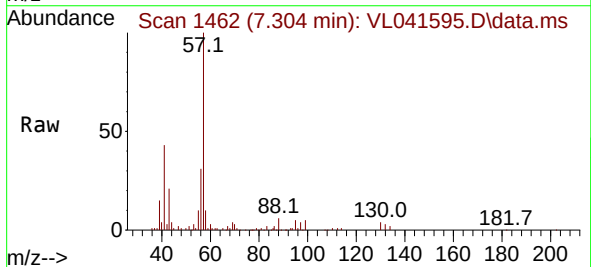
Manual Integrations
APPROVED

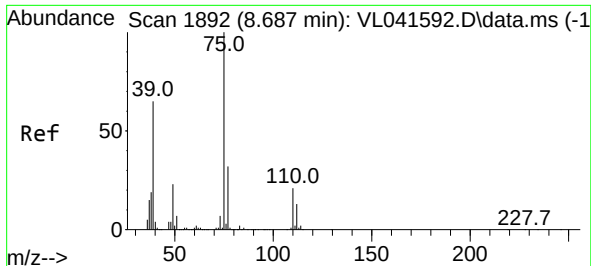
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#44
2,2,4-Trimethylpentane
Concen: 0.424 ppbv m
RT: 7.304 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 57 Resp: 163358
Ion Ratio Lower Upper
57 100
41 41.1 27.0 40.6#
56 0.0 25.5 38.3#





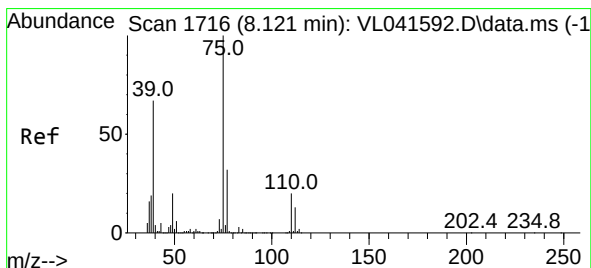
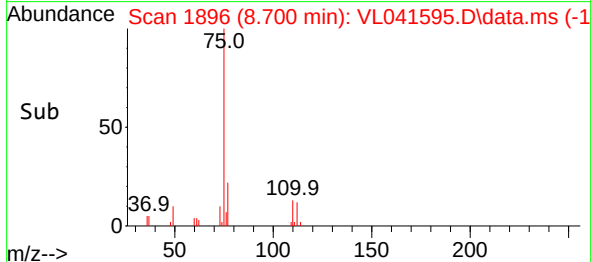
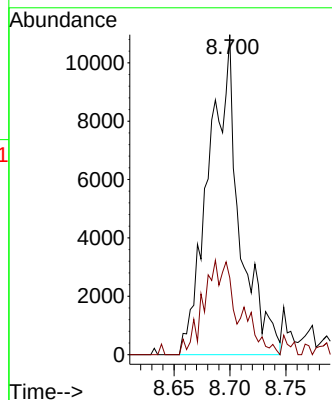
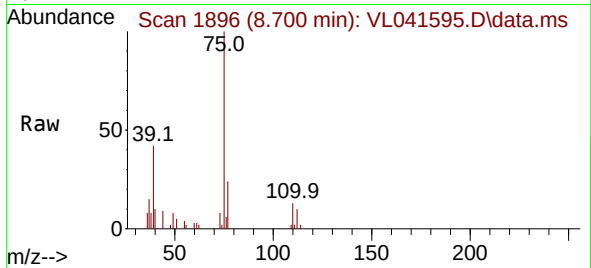
#45
t-1,3-Dichloropropene
Concen: 0.289 ppbv m
RT: 8.700 min Scan# 1892
Delta R.T. 0.013 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 2111
Ion Ratio Lower Upper
75 100
77 24.0 25.4 38.0

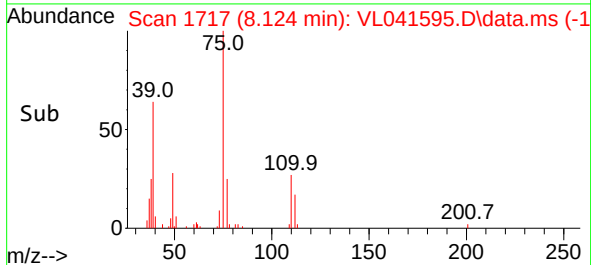
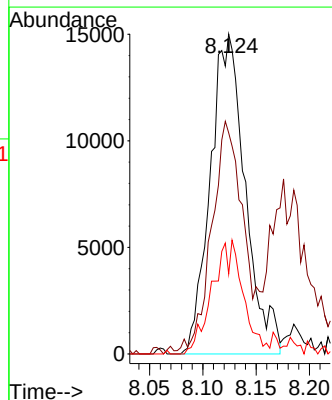
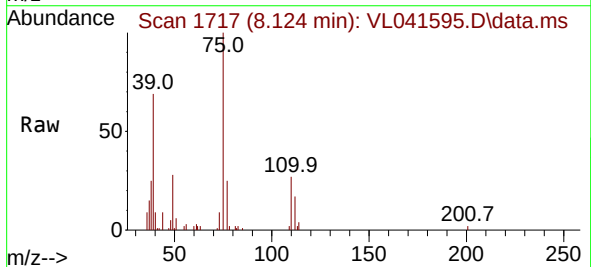
Manual Integrations
APPROVED

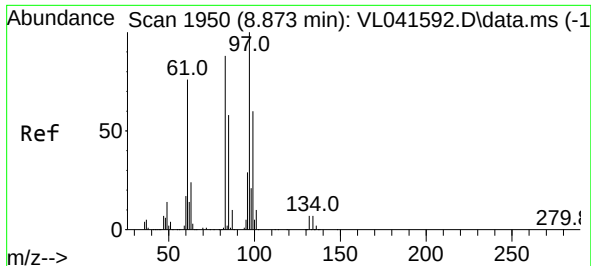
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#46
cis-1,3-Dichloropropene
Concen: 0.320 ppbv m
RT: 8.124 min Scan# 1717
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 75 Resp: 34329
Ion Ratio Lower Upper
75 100
39 69.1 54.0 81.0
77 25.0 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 0.458 ppbv

RT: 8.877 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 97 Resp: 44350

Ion Ratio Lower Upper

97 100

83 79.4 70.2 105.4

85 53.1 46.3 69.5

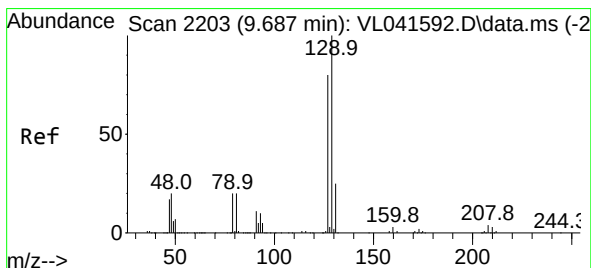
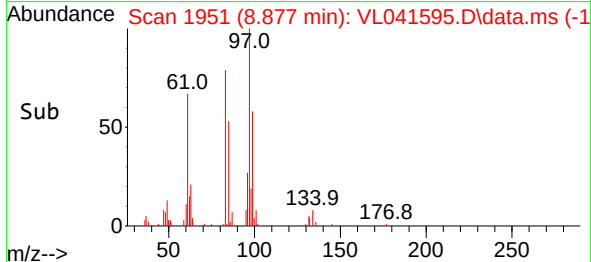
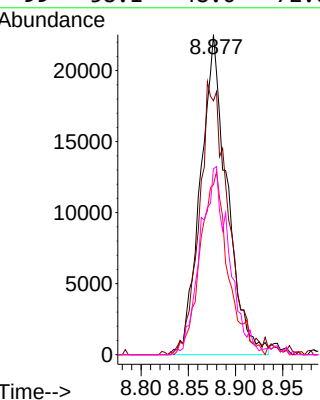
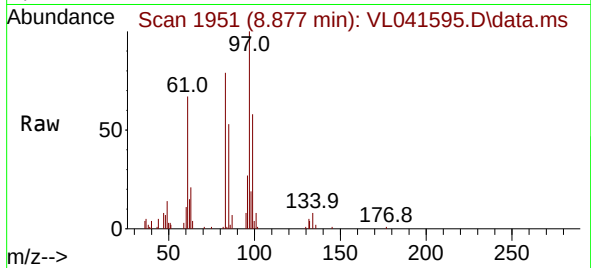
99 58.1 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#48

Dibromochloromethane

Concen: 0.386 ppbv

RT: 9.690 min Scan# 2204

Delta R.T. 0.003 min

Lab File: VL041595.D

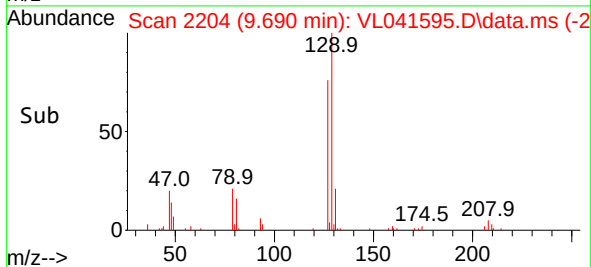
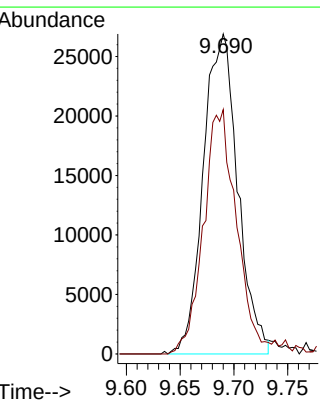
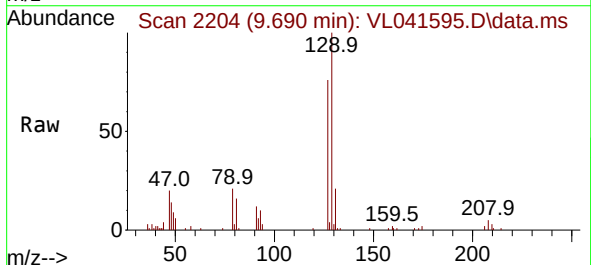
Acq: 16 Sep 2024 15:16

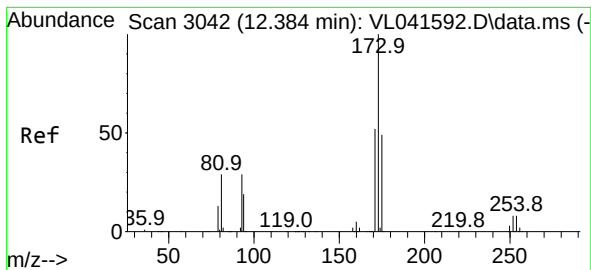
Tgt Ion:129 Resp: 59804

Ion Ratio Lower Upper

129 100

127 75.6 39.3 117.9





#49

Bromoform

Concen: 0.346 ppbv

RT: 12.384 min Scan# 3042

Delta R.T. 0.000 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

ClientSampleId :

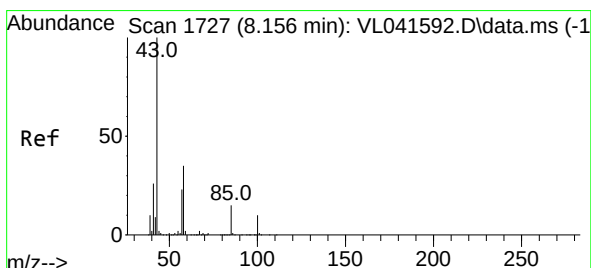
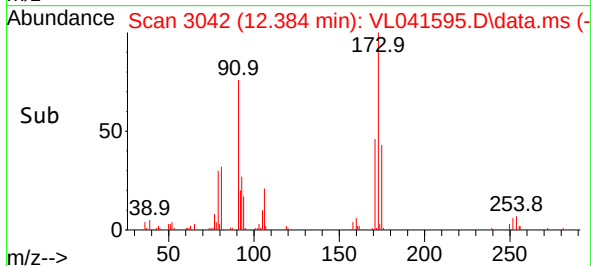
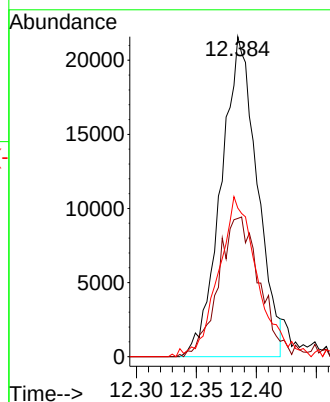
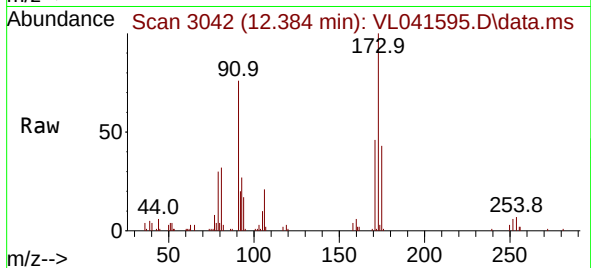
VSTDICC0.5

Tgt Ion:	173	Resp:	45268
Ion Ratio	Lower	Upper	
173	100		
175	49.7	40.1	60.1
171	54.8	42.2	63.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#50

4-Methyl-2-Pentanone

Concen: 0.372 ppbv

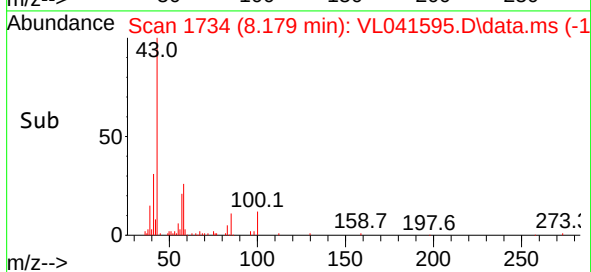
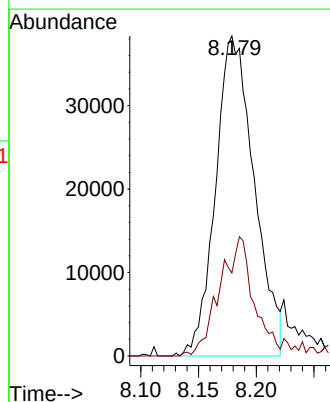
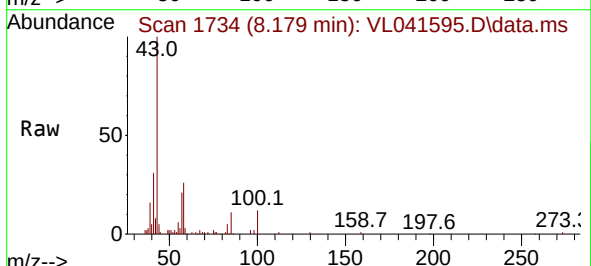
RT: 8.179 min Scan# 1734

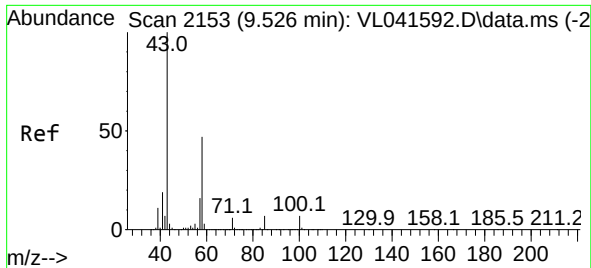
Delta R.T. 0.023 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

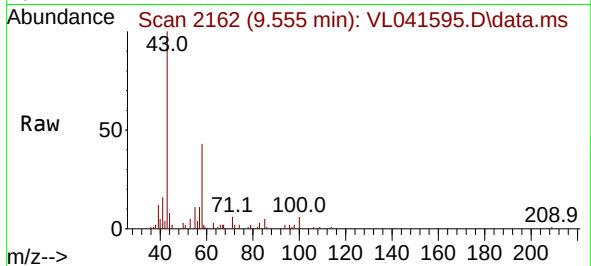
Tgt Ion:	43	Resp:	89344
Ion Ratio	Lower	Upper	
43	100		
58	33.6	27.8	41.8





#51
2-Hexanone
Concen: 0.350 ppbv m
RT: 9.555 min Scan# 2153
Delta R.T. 0.029 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

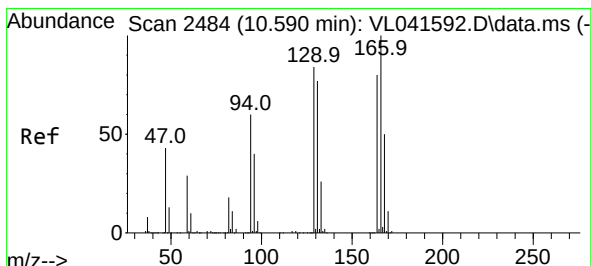
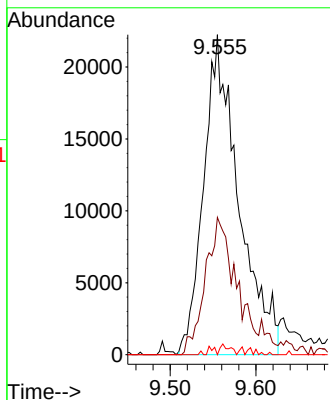
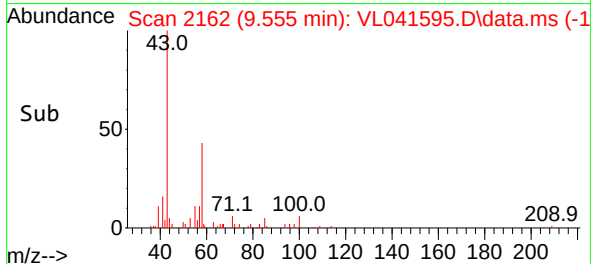
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 6311
Ion Ratio Lower Upper
43 100
58 42.6 37.2 55.8
98 0.0 0.5 0.7

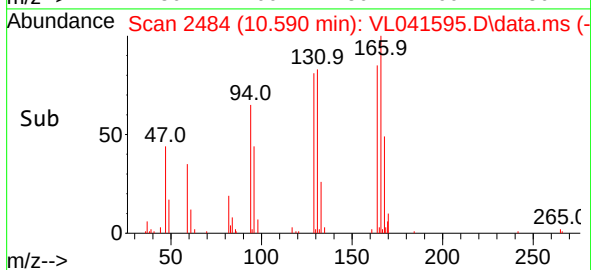
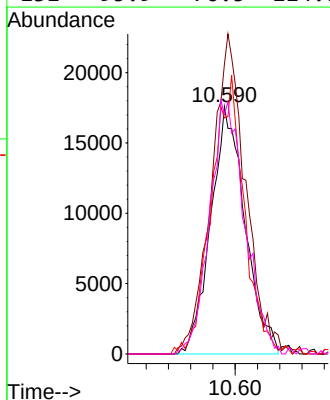
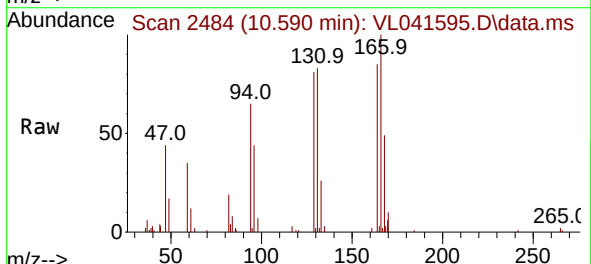
Manual Integrations
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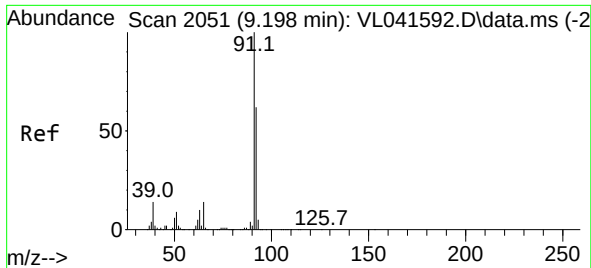
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#52
Tetrachloroethene
Concen: 0.425 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. 0.000 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion:164 Resp: 37541
Ion Ratio Lower Upper
164 100
166 114.8 99.4 149.2
129 94.0 83.5 125.3
131 95.9 76.5 114.7





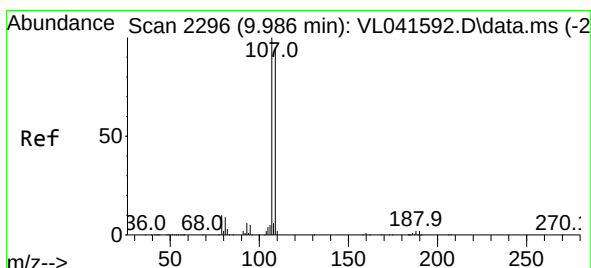
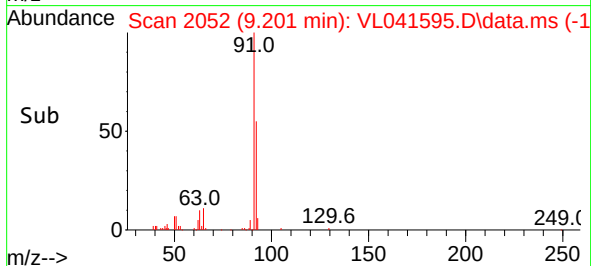
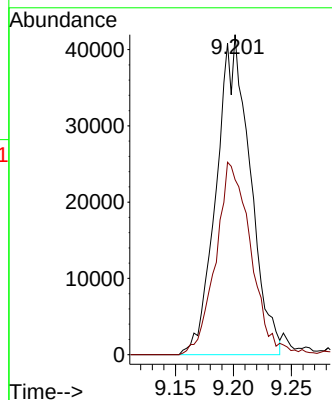
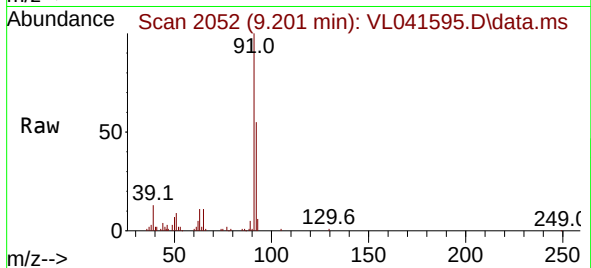
#53
Toluene
Concen: 0.334 ppbv m
RT: 9.201 min Scan# 2051
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 85184
Ion Ratio Lower Upper
91 100
92 0.0 48.9 73.3

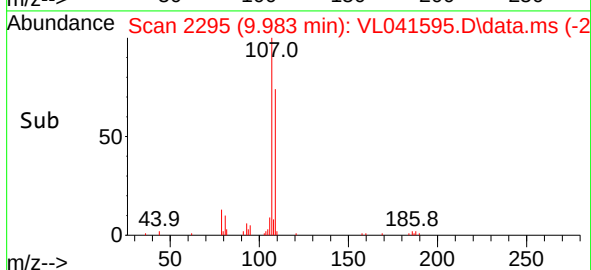
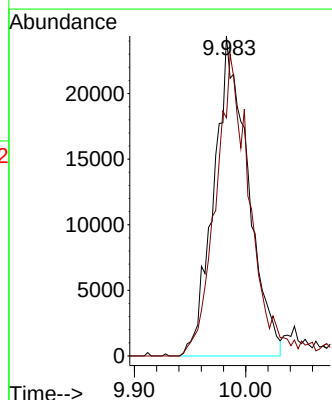
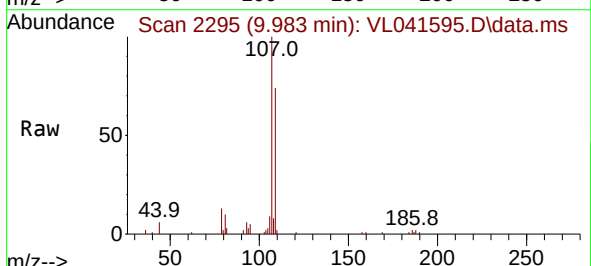
Manual Integrations
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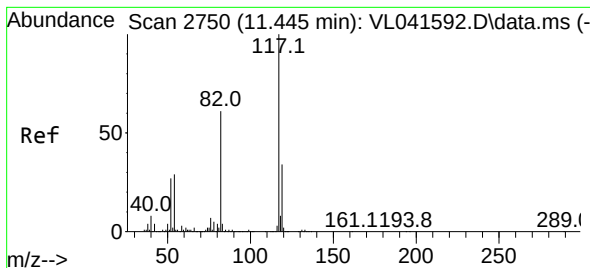
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#54
1,2-Dibromoethane
Concen: 0.408 ppbv
RT: 9.983 min Scan# 2295
Delta R.T. -0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

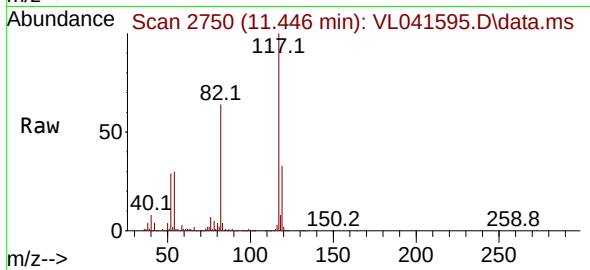
Tgt Ion:107 Resp: 51961
Ion Ratio Lower Upper
107 100
109 74.4 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 2750
Delta R.T. 0.000 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

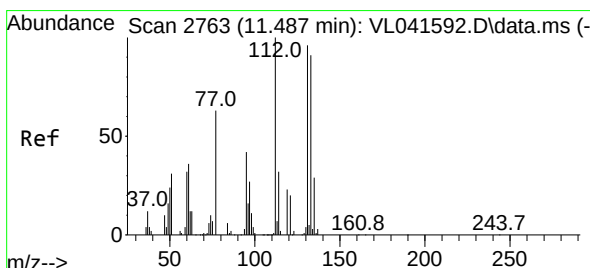
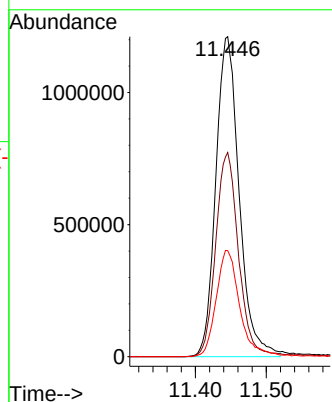
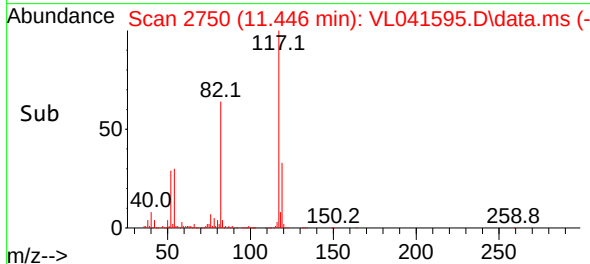
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:117 Resp: 2773784
Ion Ratio Lower Upper
117 100
82 63.3 49.4 74.2
119 33.8 24.4 36.6

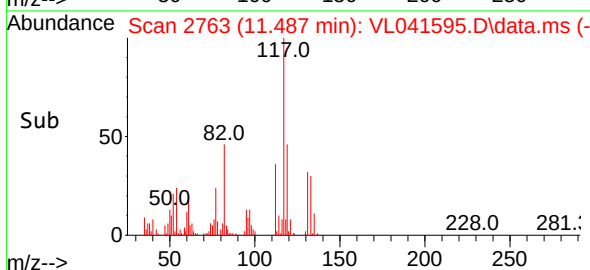
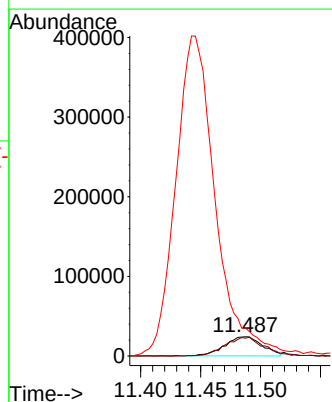
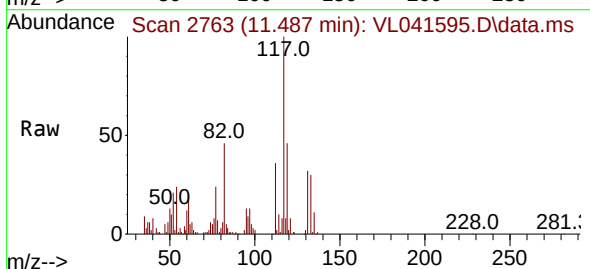
Manual Integrations
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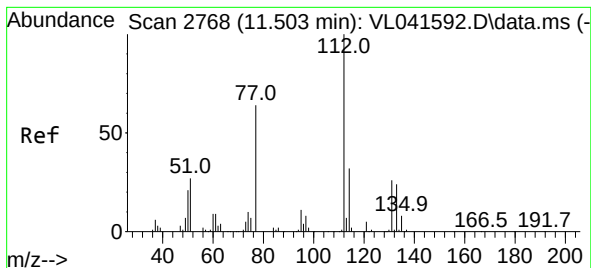
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 0.486 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion:131 Resp: 52485
Ion Ratio Lower Upper
131 100
133 101.3 76.6 115.0
119 1784.2 48.5 72.7#





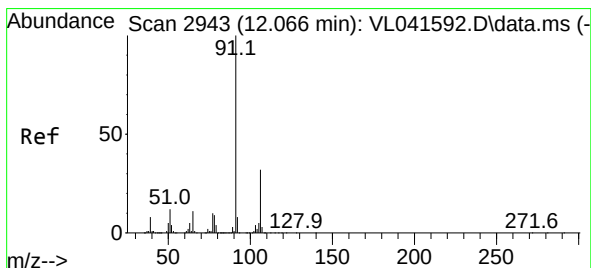
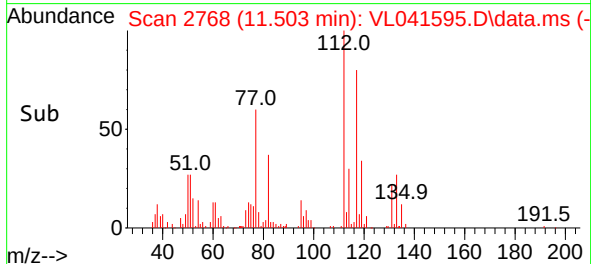
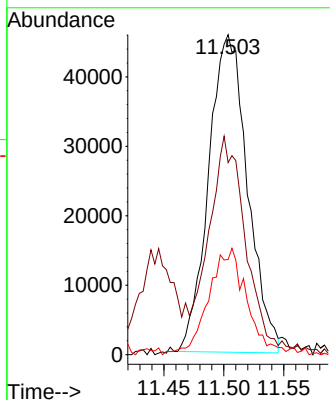
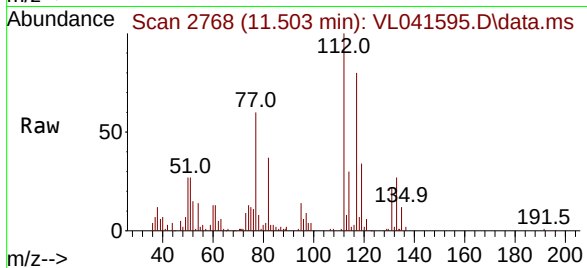
#57
Chlorobenzene
Concen: 0.520 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.000 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 112 Resp: 103210
Ion Ratio Lower Upper
112 100
77 58.1 52.0 78.0
114 28.7 28.6 35.0

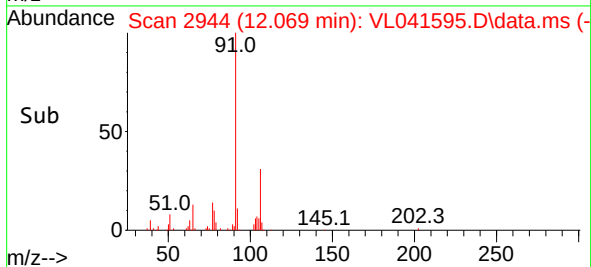
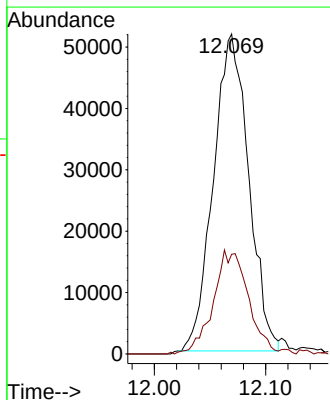
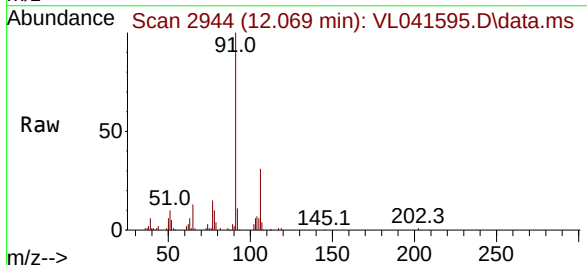
Manual Integrations
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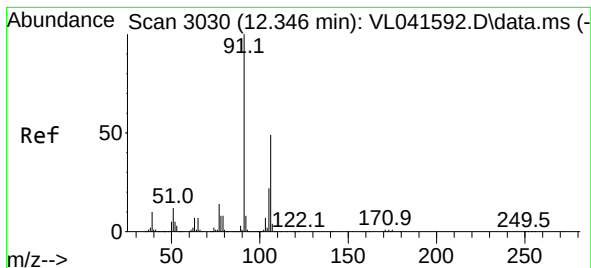
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#58
Ethyl Benzene
Concen: 0.355 ppbv
RT: 12.069 min Scan# 2944
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 91 Resp: 113783
Ion Ratio Lower Upper
91 100
106 30.9 25.8 38.6





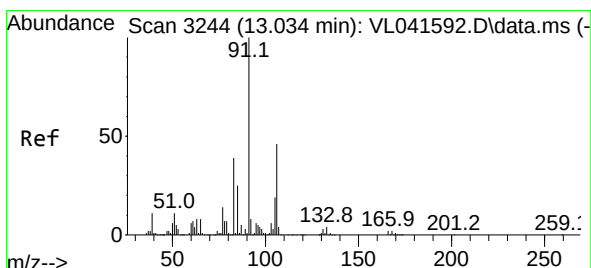
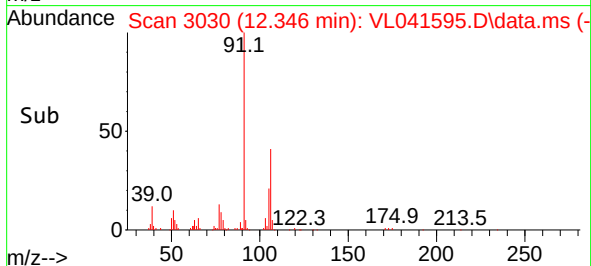
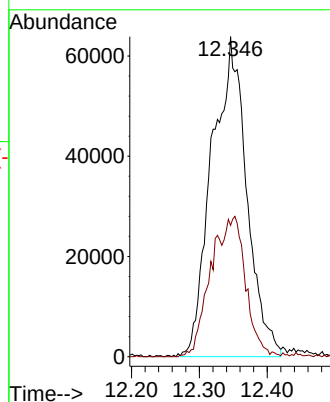
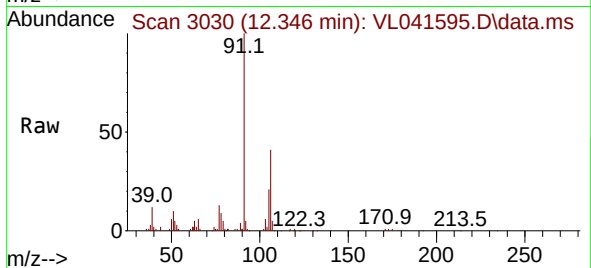
#59
m/p-Xylene
Concen: 0.822 ppbv m
RT: 12.346 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 22770
Ion Ratio Lower Upper
91 100
106 0.0 36.8 55.2

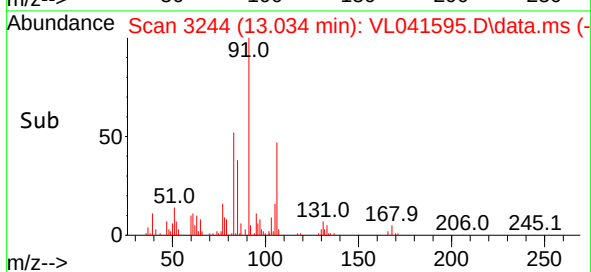
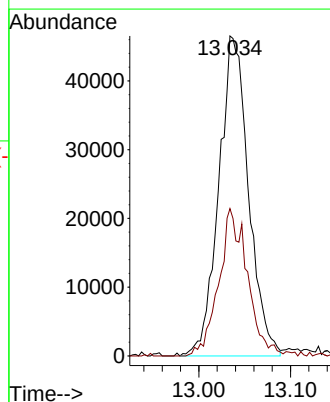
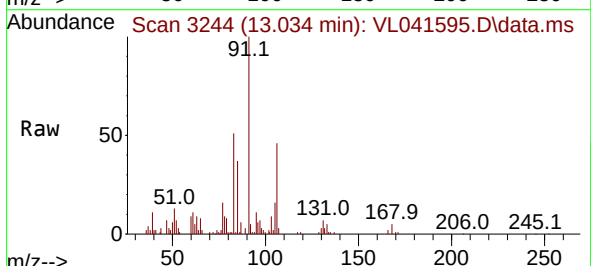
Manual Integrations
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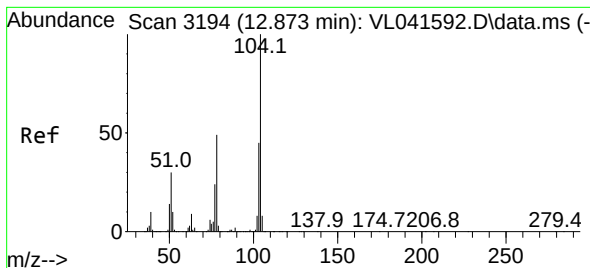
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#60
o-Xylene
Concen: 0.399 ppbv
RT: 13.034 min Scan# 3244
Delta R.T. 0.000 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Tgt Ion: 91 Resp: 104742
Ion Ratio Lower Upper
91 100
106 44.8 23.1 69.3





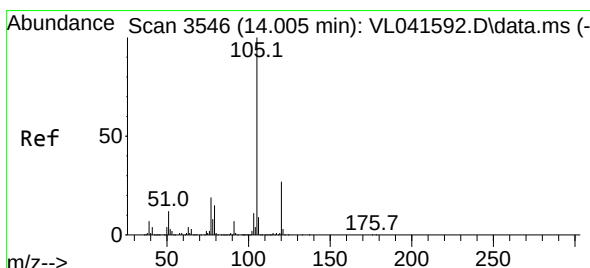
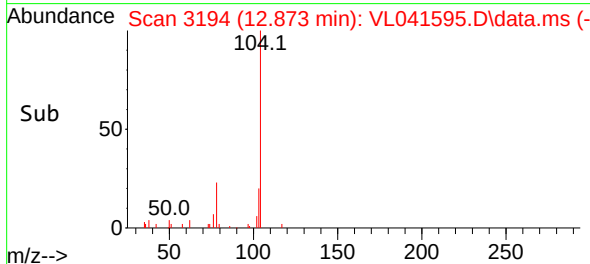
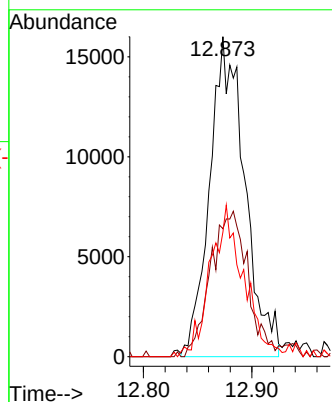
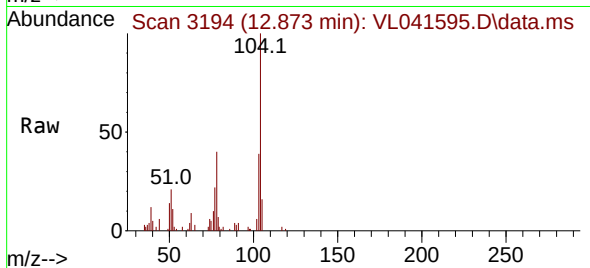
#61
Styrene
Concen: 0.305 ppbv m
RT: 12.873 min Scan# 3194
Delta R.T. 0.000 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:104 Resp: 36028
Ion Ratio Lower Upper
104 100
78 0.0 39.8 59.6
103 44.6 37.4 56.0

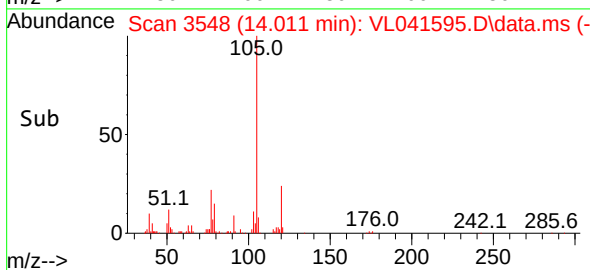
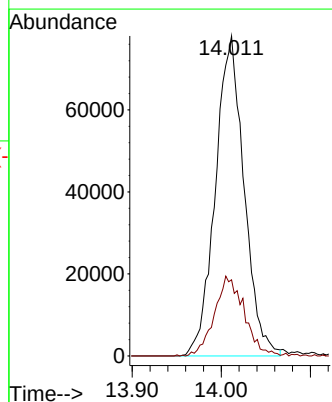
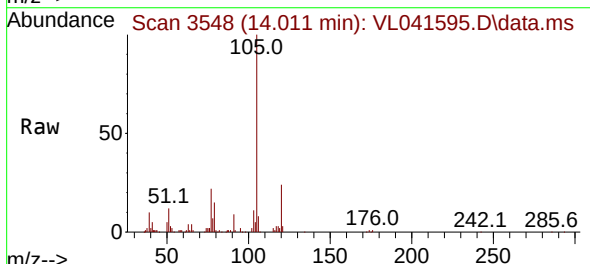
Manual Integrations
APPROVED

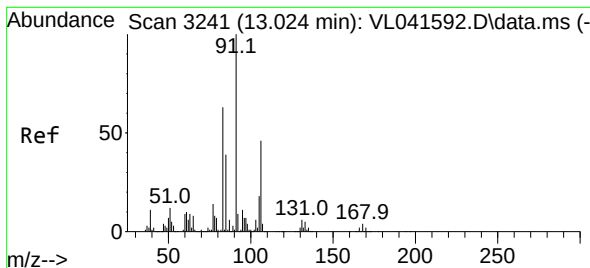
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#62
Isopropylbenzene
Concen: 0.439 ppbv
RT: 14.011 min Scan# 3548
Delta R.T. 0.007 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

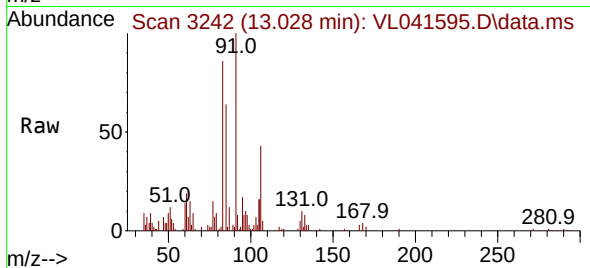
Tgt Ion:105 Resp: 174781
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 0.432 ppbv m
RT: 13.028 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

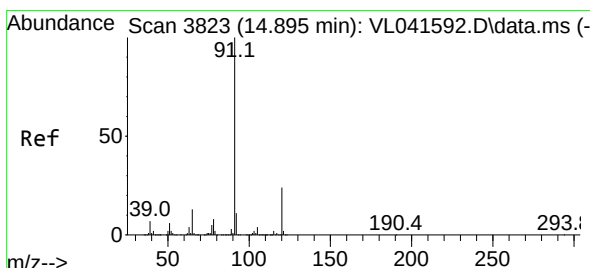
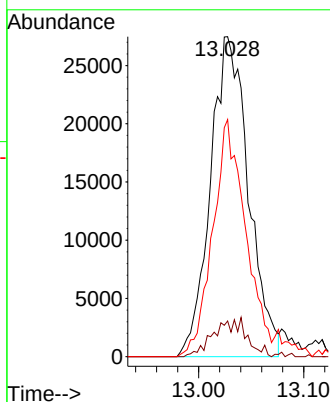
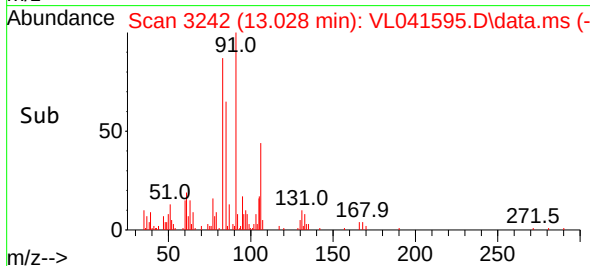
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



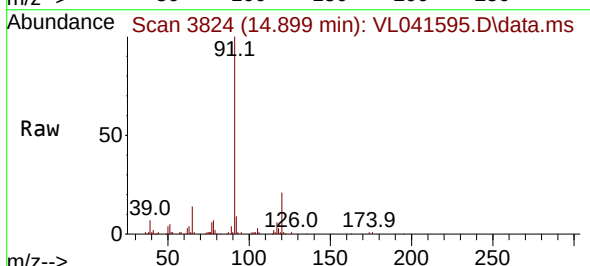
Tgt Ion: 83 Resp: 69215
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4
85 68.2 32.5 97.4

Manual Integrations
APPROVED

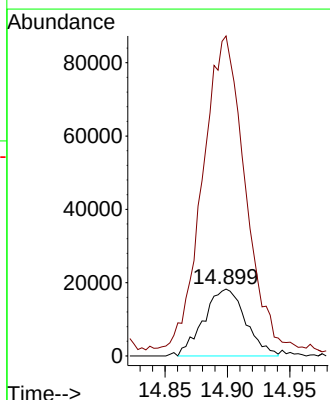
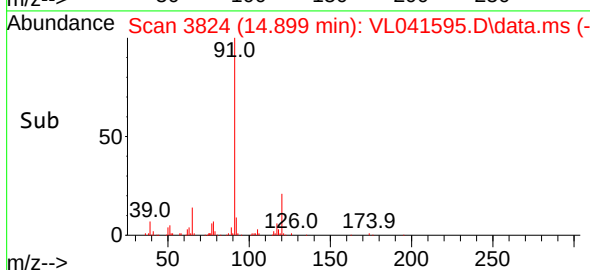
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

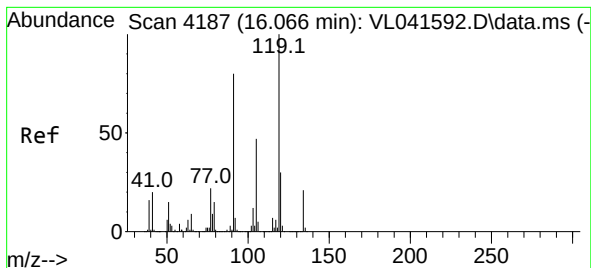


#64
n-propylbenzene
Concen: 0.408 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16



Tgt Ion:120 Resp: 42493
Ion Ratio Lower Upper
120 100
91 508.6 366.4 549.6





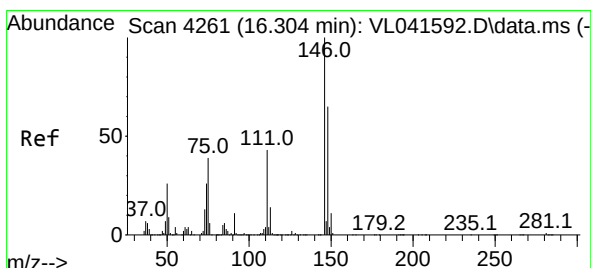
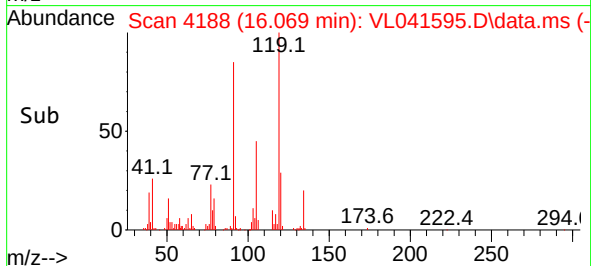
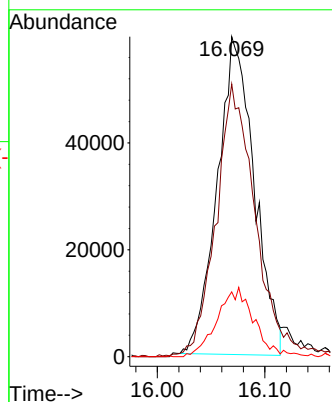
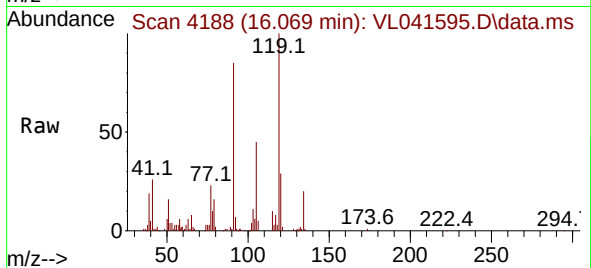
#65
tert-Butylbenzene
Concen: 0.395 ppbv
RT: 16.069 min Scan# 4187
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 119 Resp: 142100
Ion Ratio Lower Upper
119 100
91 92.2 64.6 96.8
134 21.8 15.8 23.8

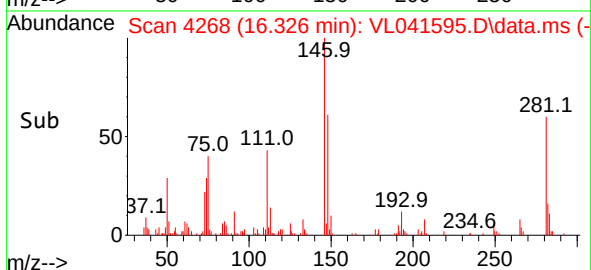
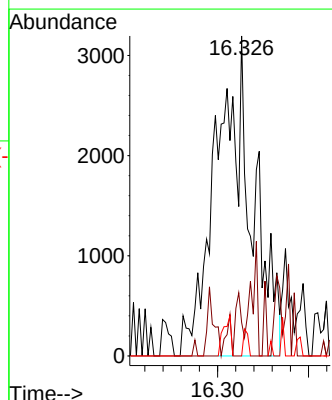
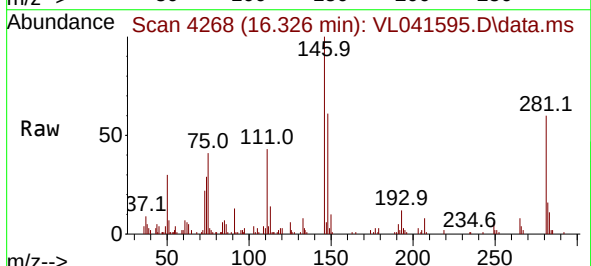
Manual Integrations
APPROVED

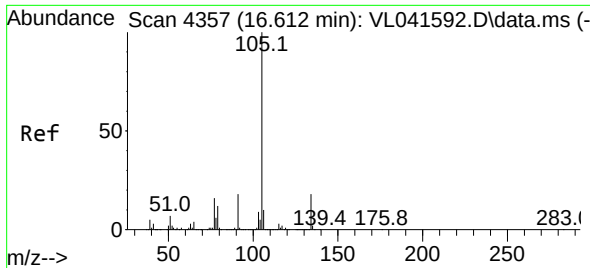
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#66
Benzyl Chloride
Concen: 0.405 ppbv m
RT: 16.326 min Scan# 4268
Delta R.T. 0.023 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

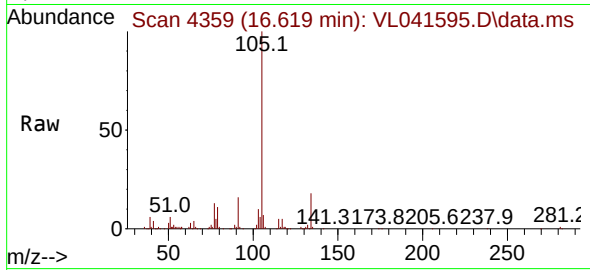
Tgt Ion: 91 Resp: 8767
Ion Ratio Lower Upper
91 100
126 6.1 15.4 23.2#
128 2.7 4.8 7.2#





#67
 sec-Butylbenzene
 Concen: 0.458 ppbv
 RT: 16.619 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

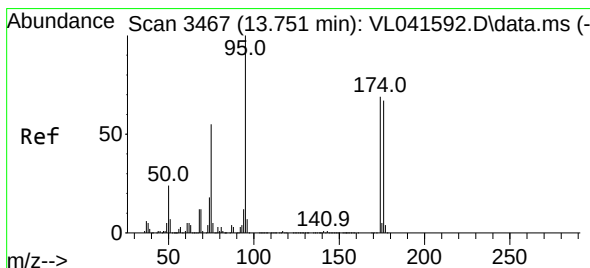
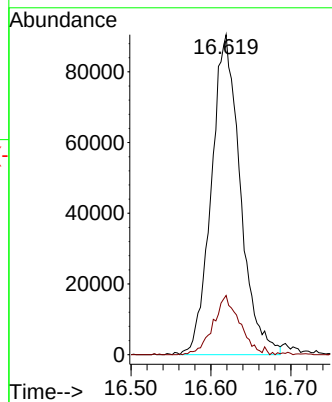
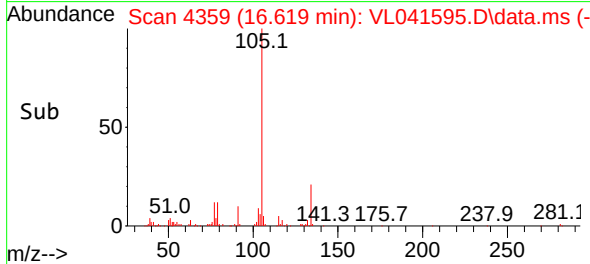
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:105 Resp: 227312
 Ion Ratio Lower Upper
 105 100
 134 17.0 14.6 21.8

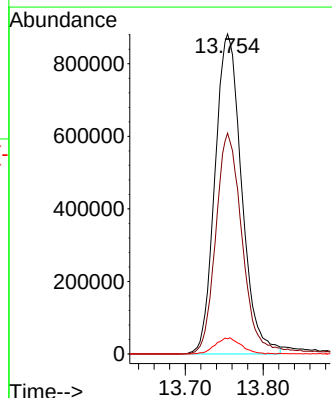
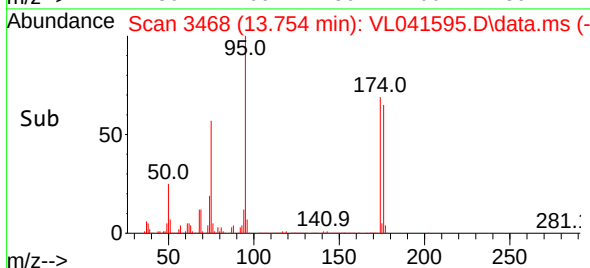
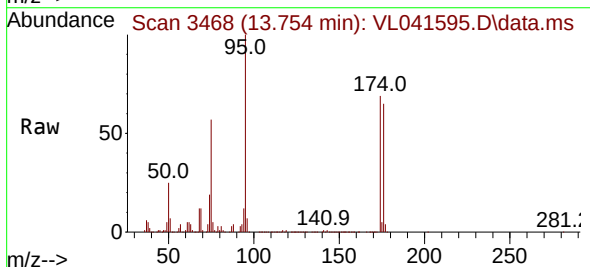
Manual Integrations
 APPROVED

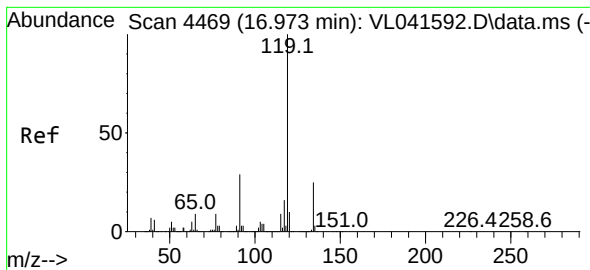
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.889 ppbv
 RT: 13.754 min Scan# 3468
 Delta R.T. 0.003 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

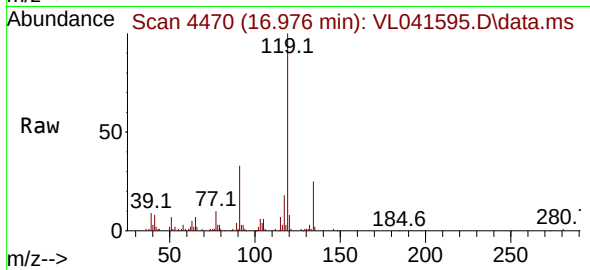
Tgt Ion: 95 Resp: 2096257
 Ion Ratio Lower Upper
 95 100
 174 69.3 55.8 83.8
 175 5.1 4.1 6.1





#69
p-Isopropyltoluene
Concen: 0.389 ppbv
RT: 16.976 min Scan# 4469
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

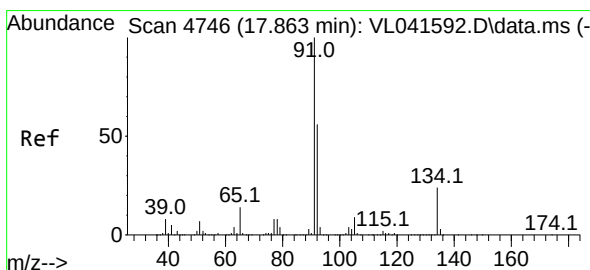
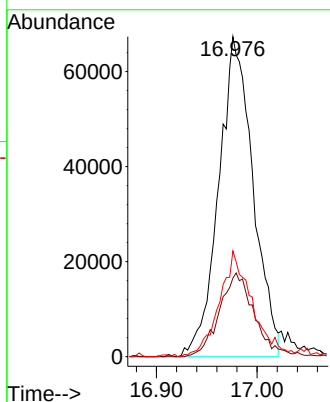
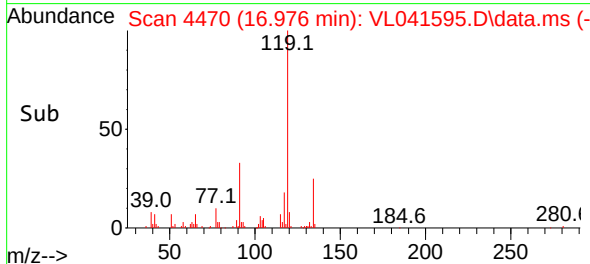
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



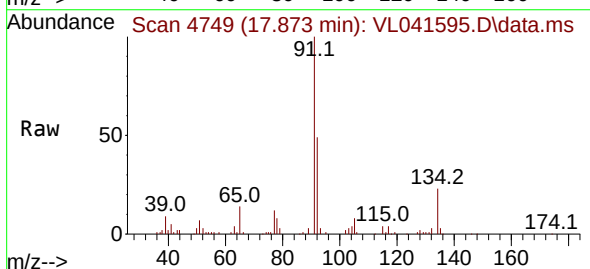
Tgt Ion:119 Resp: 159974
Ion Ratio Lower Upper
119 100
134 26.8 20.5 30.7
91 32.9 23.1 34.7

Manual Integrations
APPROVED

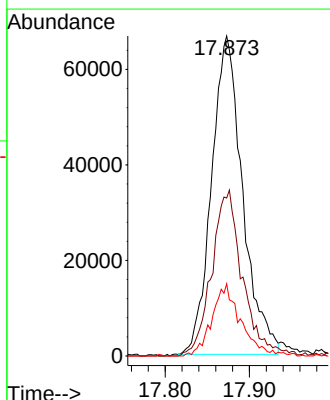
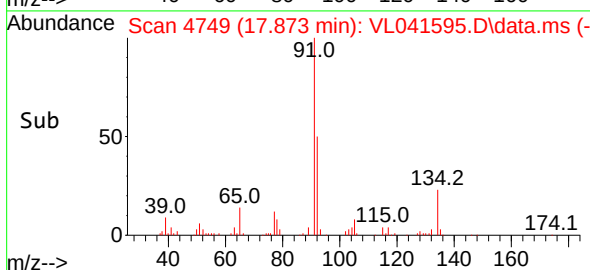
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

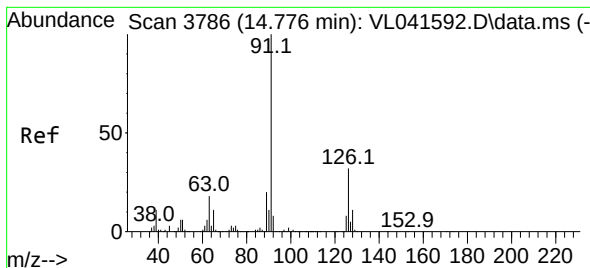


#70
n-Butylbenzene
Concen: 0.404 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. 0.010 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16



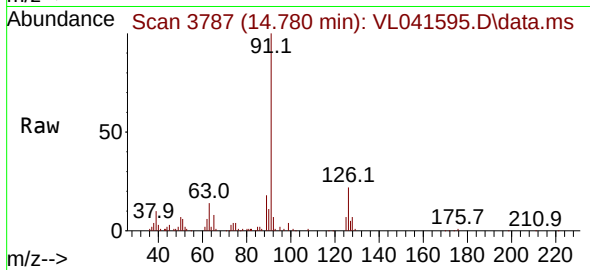
Tgt Ion: 91 Resp: 170488
Ion Ratio Lower Upper
91 100
92 51.9 43.2 64.8
134 21.1 18.6 27.8





#71
2-Chlorotoluene
Concen: 0.395 ppbv
RT: 14.780 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

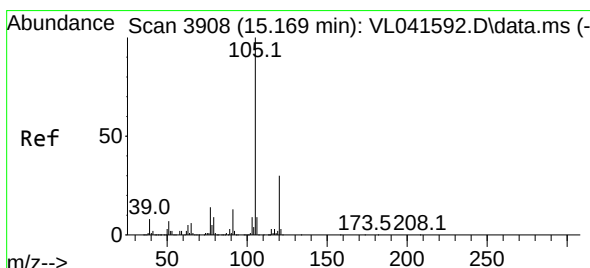
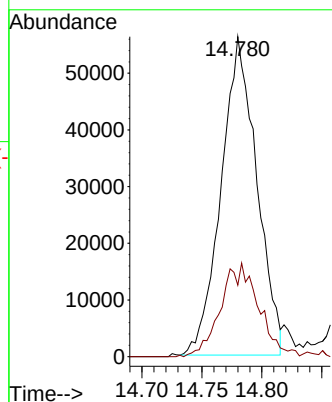
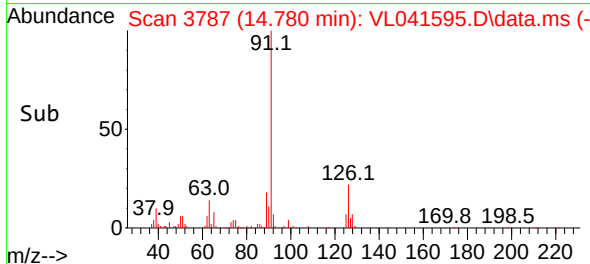
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



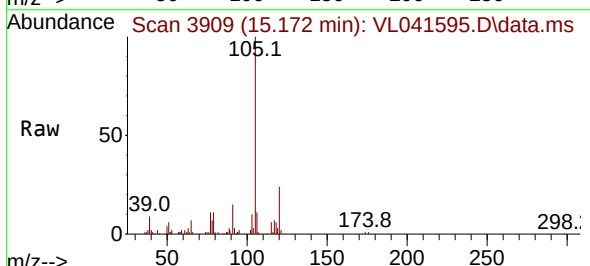
Tgt Ion: 91 Resp: 116019
Ion Ratio Lower Upper
91 100
126 32.0 12.9 51.5

Manual Integrations
APPROVED

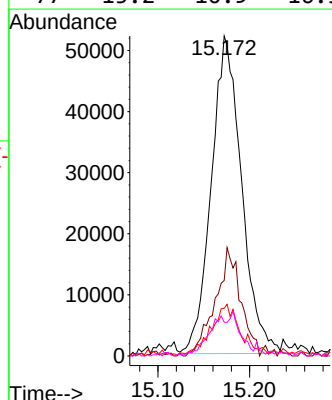
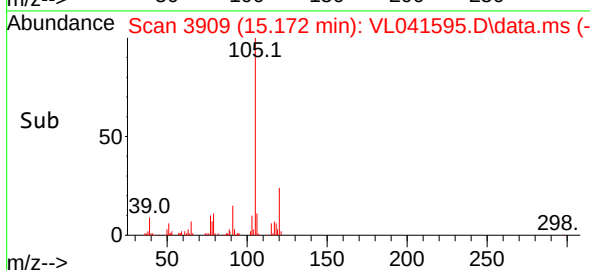
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

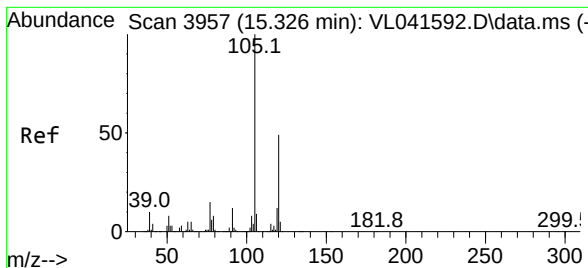


#72
4-Ethyltoluene
Concen: 0.386 ppbv
RT: 15.172 min Scan# 3909
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16



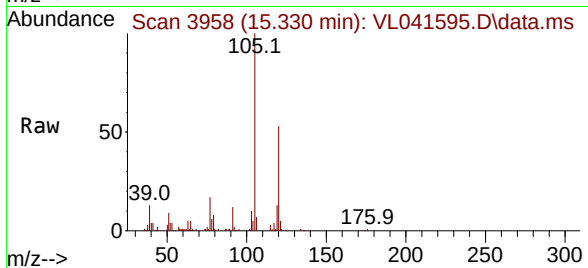
Tgt Ion:105 Resp: 119135
Ion Ratio Lower Upper
105 100
120 29.4 24.1 36.1
91 14.7 10.2 15.2
77 15.2 10.9 16.3





#73
1,3,5-Trimethylbenzene
Concen: 0.375 ppbv
RT: 15.330 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16

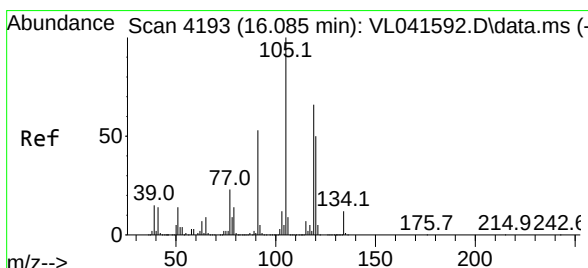
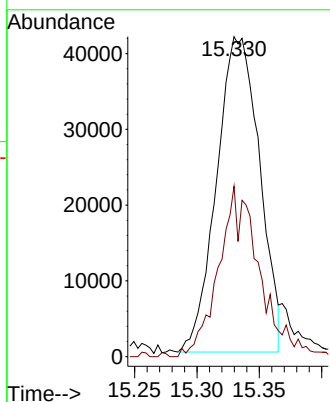
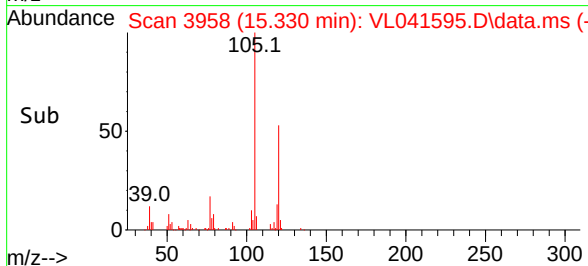
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



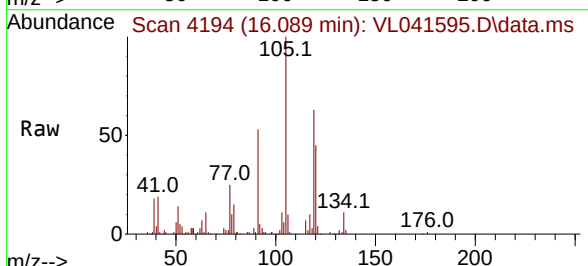
Tgt Ion:105 Resp: 99684
Ion Ratio Lower Upper
105 100
120 54.0 39.4 59.0

Manual Integrations
APPROVED

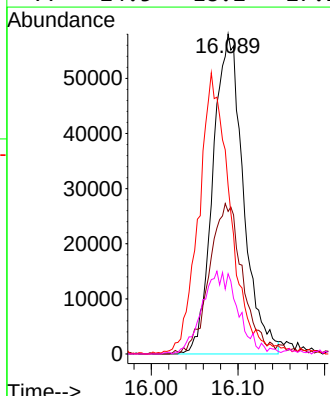
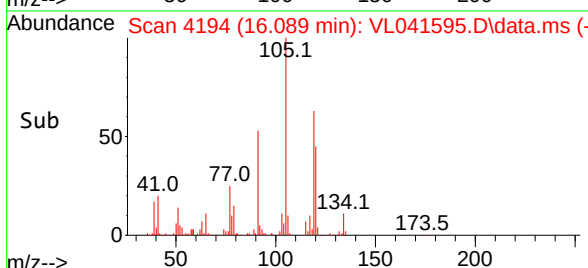
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

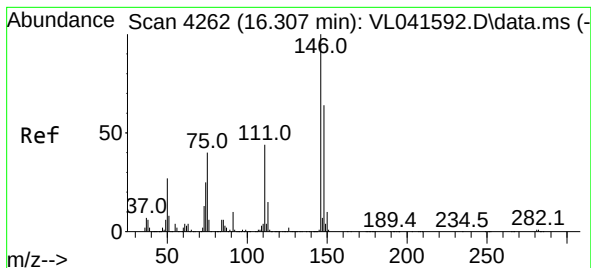


#74
1,2,4-Trimethylbenzene
Concen: 0.456 ppbv
RT: 16.089 min Scan# 4194
Delta R.T. 0.003 min
Lab File: VL041595.D
Acq: 16 Sep 2024 15:16



Tgt Ion:105 Resp: 140980
Ion Ratio Lower Upper
105 100
120 43.9 39.9 59.9
91 50.1 42.6 63.8
77 24.5 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 0.455 ppbv

RT: 16.310 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

ClientSampleId :

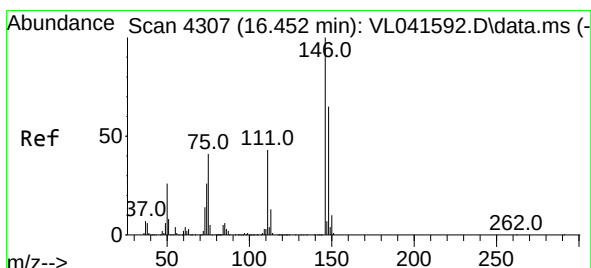
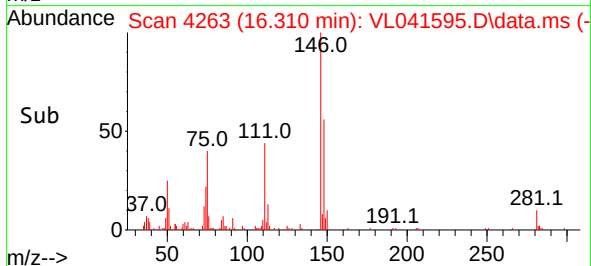
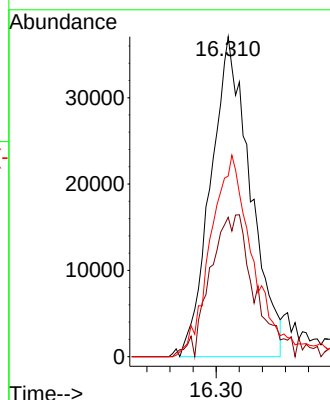
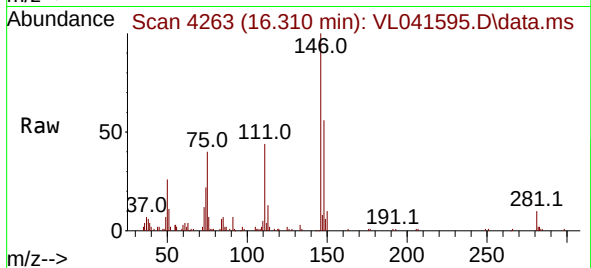
VSTDIC0.5

Tgt Ion:146	Resp:	8826
Ion Ratio	Lower	Upper
146	100	
111	49.5	22.4 67.0
148	68.9	32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#76

1,4-Dichlorobenzene

Concen: 0.485 ppbv

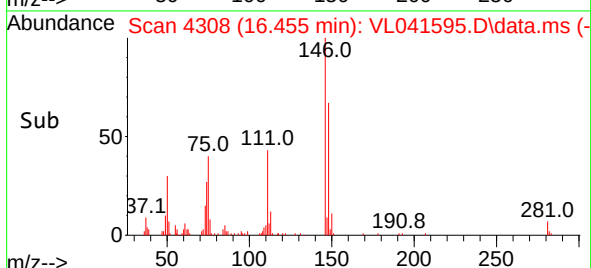
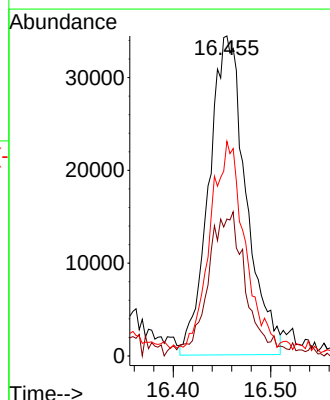
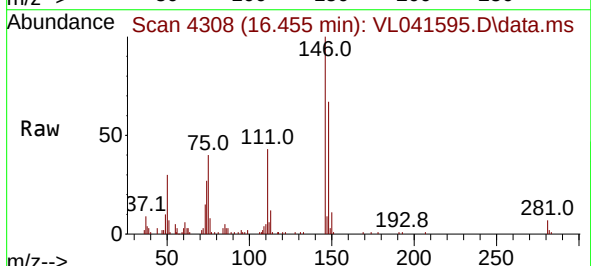
RT: 16.455 min Scan# 4308

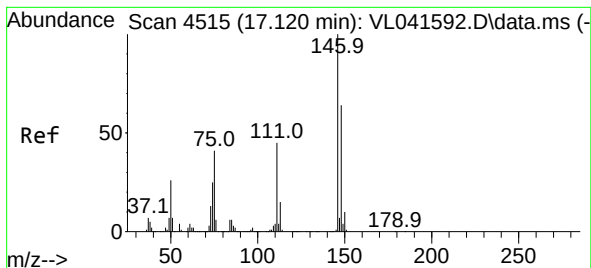
Delta R.T. 0.003 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Tgt Ion:146	Resp:	91038
Ion Ratio	Lower	Upper
146	100	
111	47.5	22.4 67.3
148	69.0	32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 0.463 ppbv

RT: 17.124 min Scan# 4515

Delta R.T. 0.003 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

ClientSampleId :

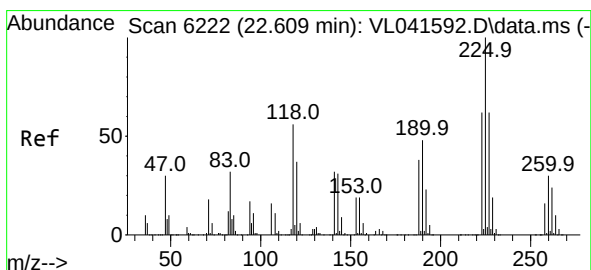
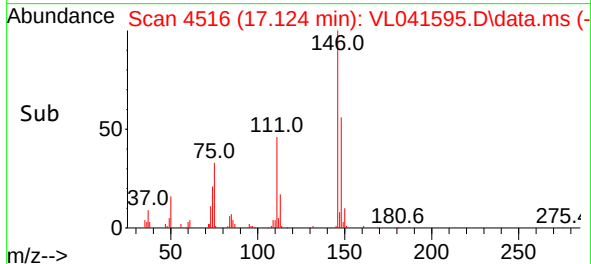
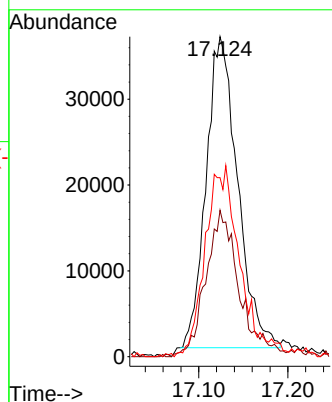
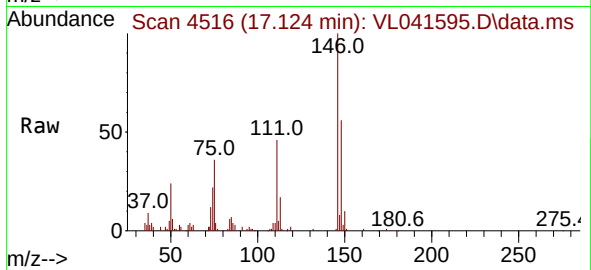
VSTDIC0.5

Tgt Ion:	146	Resp:	88900
Ion Ratio	Lower	Upper	
146	100		
111	51.4	23.4	70.0
148	69.2	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.515 ppbv m

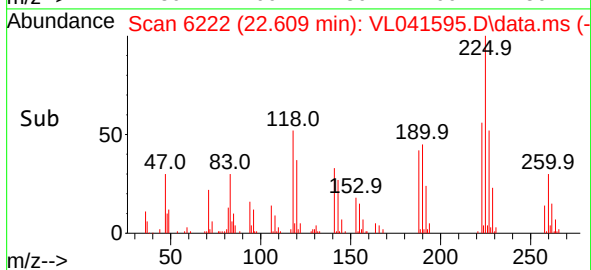
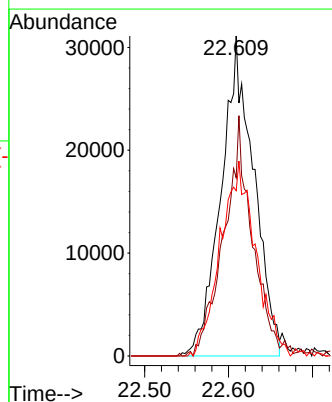
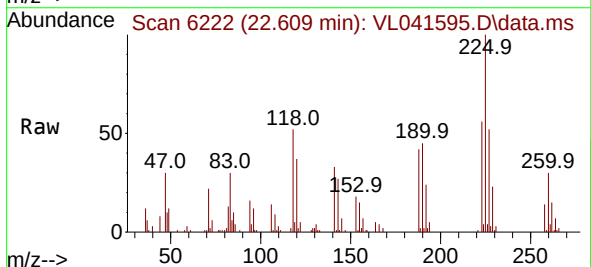
RT: 22.609 min Scan# 6222

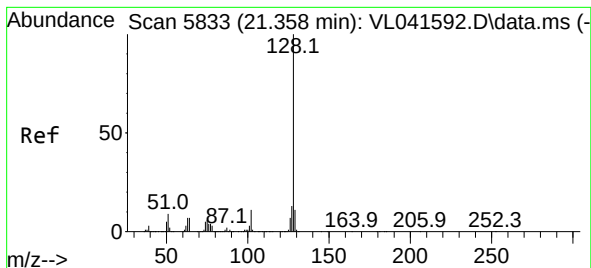
Delta R.T. 0.000 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Tgt Ion:	225	Resp:	84026
Ion Ratio	Lower	Upper	
225	100		
223	65.6	50.6	75.8
227	66.4	50.9	76.3





#79

Naphthalene

Concen: 0.309 ppbv m

RT: 21.374 min Scan# 5833

Delta R.T. 0.016 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

Instrument :

MSVOA_L

ClientSampleId :

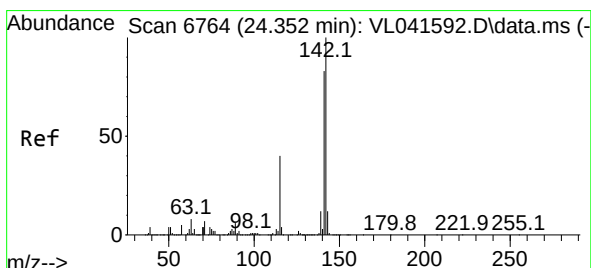
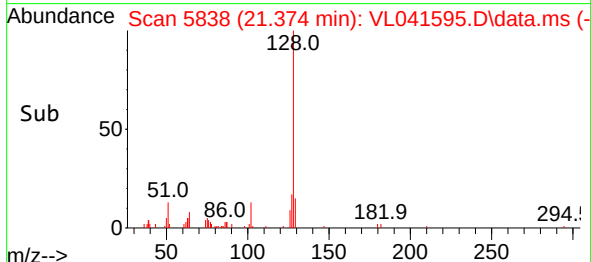
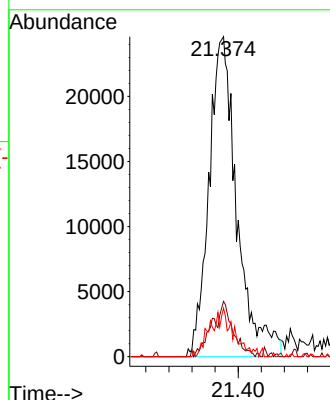
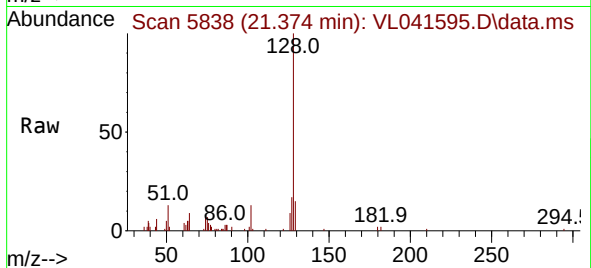
VSTDIC0.5

Tgt Ion:	128	Resp:	8251
Ion Ratio	Lower	Upper	
128	100		
127	17.3	10.1	15.1
129	15.1	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#80

Naphthalene,2-methyl-

Concen: 0.129 ppbv

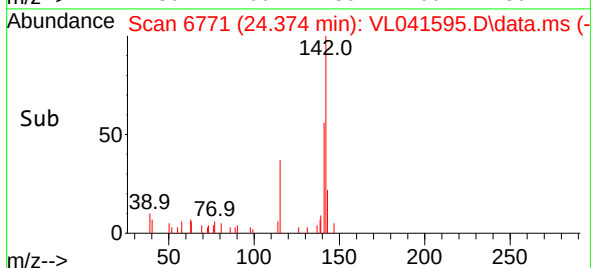
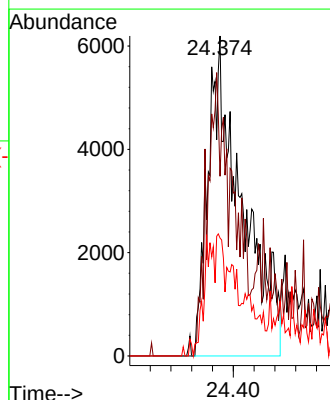
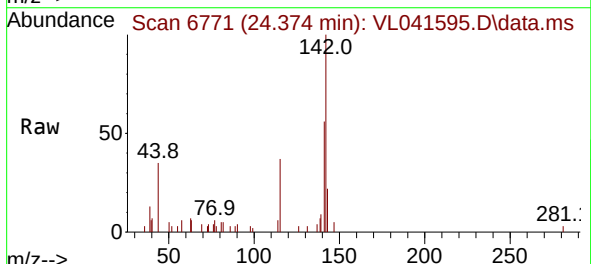
RT: 24.374 min Scan# 6771

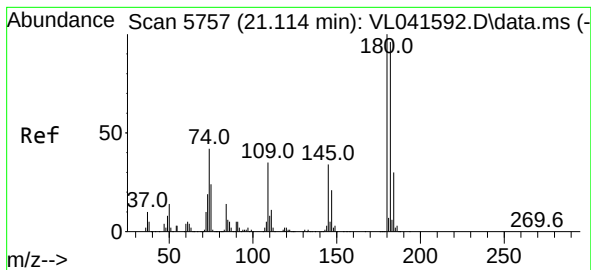
Delta R.T. 0.023 min

Lab File: VL041595.D

Acq: 16 Sep 2024 15:16

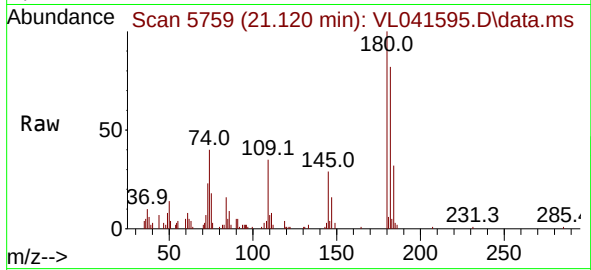
Tgt Ion:	142	Resp:	27711
Ion Ratio	Lower	Upper	
142	100		
141	70.5	66.3	99.5
115	39.3	31.4	47.2





#81
 1,2,4-Trichlorobenzene
 Concen: 0.337 ppbv
 RT: 21.120 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: VL041595.D
 Acq: 16 Sep 2024 15:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:180 Resp: 53664
 Ion Ratio Lower Upper
 180 100
 182 102.6 76.5 114.7
 184 33.9 24.7 37.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024

