

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
 Data File : VL041594.D
 Acq On : 16 Sep 2024 14:36
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Sep 16 20:15:06 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 : Mon Sep 16 20:14:05 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.172	49	1163991	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3218358	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.445	117	2901355	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.754 95 2171693 9.726 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.716	85	176543	0.882	ppbv	100
3) Chlorodifluoromethane	2.658	51	143593	1.036	ppbv	99
4) Chloromethane	2.796	50	78805m	1.069	ppbv	
5) Vinyl Chloride	2.906	62	73731	1.015	ppbv	99
6) Bromomethane	3.105	94	32268	0.864	ppbv	86
7) Chloroethane	3.182	64	25889	1.033	ppbv	91
8) Dichlorotetrafluoroethane	2.841	85	179916	1.014	ppbv	91
9) Propene	2.681	41	60205	0.946	ppbv	94
10) Heptane	7.565	43	136494	0.954	ppbv	99
11) Trichlorofluoromethane	3.545	101	190406	1.071	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.050	101	135246	1.056	ppbv	98
13) Ethanol	3.246	45	6603m	1.161	ppbv	
14) Bromoethene	3.353	108	48959	0.981	ppbv #	92
15) Acetone	3.462	43	144857	1.095	ppbv	97
16) 1,3-Butadiene	2.970	39	71179	1.007	ppbv	100
17) tert-Butyl alcohol	3.867	59	132423	1.098	ppbv	96
18) 1,1-Dichloroethene	3.861	96	57053	1.042	ppbv	91
19) Isopropyl Alcohol	3.571	45	76655	0.991	ppbv #	95
20) Methylene Chloride	3.915	84	55627	1.128	ppbv	97
21) Allyl Chloride	3.976	41	83509	0.963	ppbv	89
22) trans-1,2-Dichloroethene	4.426	96	53748	0.981	ppbv	96
23) Vinyl Acetate	4.610	43	75873	0.751	ppbv #	93
24) 1,1-Dichloroethane	4.542	63	122972	1.034	ppbv	99
25) Ethyl Acetate	5.192	43	266035	1.013	ppbv	98
26) Hexane	5.195	57	107564	0.987	ppbv	92
27) Carbon Disulfide	4.105	76	109406	0.858	ppbv	96
28) Methyl tert-Butyl Ether	4.574	73	67246	0.978	ppbv	99
29) Chloroform	5.253	83	183121	1.030	ppbv	96
30) Cyclohexane	6.577	84	77992	0.879	ppbv	87
31) cis-1,2-Dichloroethene	5.060	61	103032	0.957	ppbv	98
32) 1,1,1-Trichloroethane	5.979	97	168967	0.976	ppbv	98
34) 2-Butanone	4.774	43	140700	0.904	ppbv	95
35) Carbon Tetrachloride	6.475	117	166616	0.939	ppbv	97
36) Benzene	6.349	78	217922	0.927	ppbv	97
37) 1,2-Dichloroethane	5.787	62	130607	0.992	ppbv	97
38) Trichloroethene	7.269	130	114753	1.065	ppbv	94
39) 1,2-Dichloropropane	7.050	63	89452	0.994	ppbv	92
40) 1,4-Dioxane	7.294	88	32240	0.891	ppbv #	87
41) Tetrahydrofuran	5.552	42	82665m	0.928	ppbv	
42) Bromodichloromethane	7.230	83	179366	0.944	ppbv	99
43) Methyl Methacrylate	7.462	69	72483	0.860	ppbv	93
44) 2,2,4-Trimethylpentane	7.304	57	389526	0.992	ppbv	96
45) t-1,3-Dichloropropene	8.693	75	50543	0.651	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Sep 16 20:15:06 2024

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

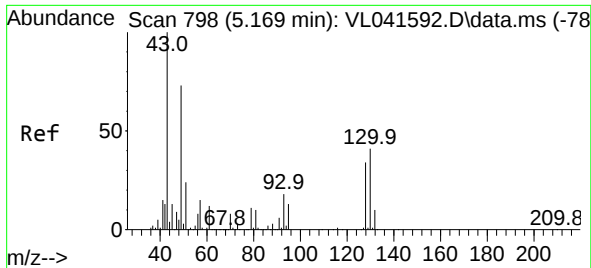
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Sep 16 20:14:05 2024

Response via : Initial Calibration

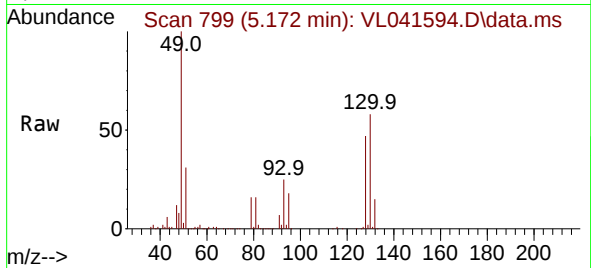
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.118	75	82468	0.736	ppbv	99
47) 1,1,2-Trichloroethane	8.873	97	97460	0.982	ppbv	94
48) Dibromochloromethane	9.687	129	137881	0.862	ppbv	99
49) Bromoform	12.388	173	116706	0.864	ppbv	97
50) 4-Methyl-2-Pentanone	8.172	43	224369	0.913	ppbv	99
51) 2-Hexanone	9.552	43	163976m	0.883	ppbv	
52) Tetrachloroethene	10.593	164	86388	0.951	ppbv	94
53) Toluene	9.198	91	226360	0.864	ppbv	99
54) 1,2-Dibromoethane	9.986	107	121996	0.924	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.487	131	116306	1.034	ppbv #	1
57) Chlorobenzene	11.503	112	222410	1.077	ppbv #	94
58) Ethyl Benzene	12.072	91	318095	0.951	ppbv	97
59) m/p-Xylene	12.346	91	564895m	1.957	ppbv	
60) o-Xylene	13.037	91	270052	0.989	ppbv	100
61) Styrene	12.879	104	98015	0.796	ppbv	97
62) Isopropylbenzene	14.008	105	423939	1.021	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.027	83	154402	0.895	ppbv	99
64) n-propylbenzene	14.895	120	103274	0.952	ppbv	80
65) tert-Butylbenzene	16.072	119	388333	1.036	ppbv	98
66) Benzyl Chloride	16.313	91	18633m	0.775	ppbv	
67) sec-Butylbenzene	16.616	105	546134	1.057	ppbv	99
69) p-Isopropyltoluene	16.976	119	428199	0.999	ppbv	97
70) n-Butylbenzene	17.870	91	456221	1.038	ppbv	96
71) 2-Chlorotoluene	14.780	91	303828	0.992	ppbv	100
72) 4-Ethyltoluene	15.172	105	315109	0.980	ppbv #	97
73) 1,3,5-Trimethylbenzene	15.330	105	282986	1.022	ppbv	97
74) 1,2,4-Trimethylbenzene	16.082	105	342646m	1.064	ppbv	
75) 1,3-Dichlorobenzene	16.307	146	206679	1.021	ppbv	96
76) 1,4-Dichlorobenzene	16.452	146	205278	1.047	ppbv	97
77) 1,2-Dichlorobenzene	17.124	146	206345	1.028	ppbv	96
78) Hexachloro-1,3-Butadiene	22.609	225	180258m	1.053	ppbv	
79) Naphthalene	21.368	128	252197m	0.887	ppbv	
80) Naphthalene,2-methyl-	24.358	142	126259m	0.530	ppbv	
81) 1,2,4-Trichlorobenzene	21.124	180	145946	0.863	ppbv	97

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 79
Delta R.T. 0.003 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

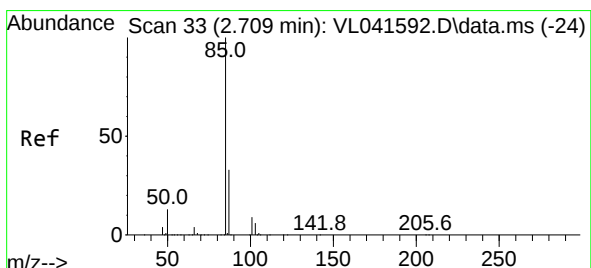
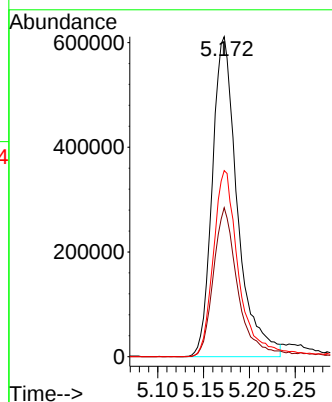
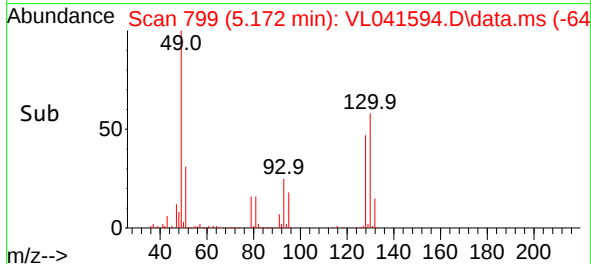
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 49 Resp: 116399
Ion Ratio Lower Upper
49 100
128 47.0 23.5 70.6
130 60.9 30.4 91.2

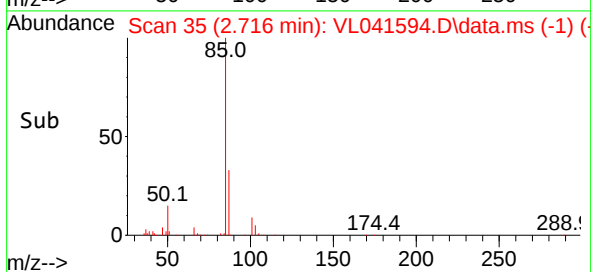
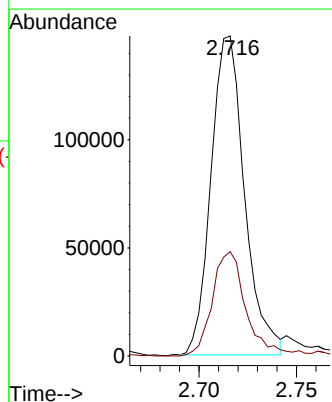
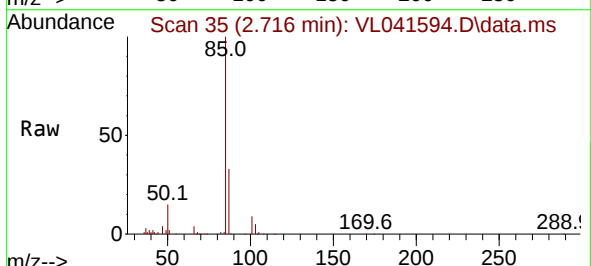
Manual Integrations
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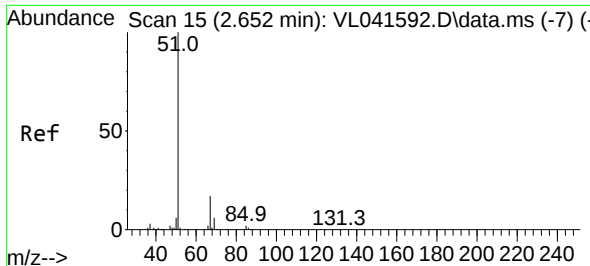
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#2
Dichlorodifluoromethane
Concen: 0.882 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.006 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

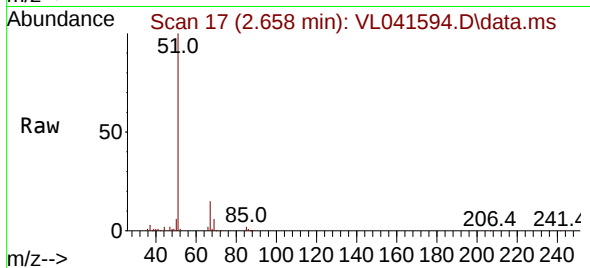
Tgt Ion: 85 Resp: 176543
Ion Ratio Lower Upper
85 100
87 32.7 26.3 39.5





#3
Chlorodifluoromethane
Concen: 1.036 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

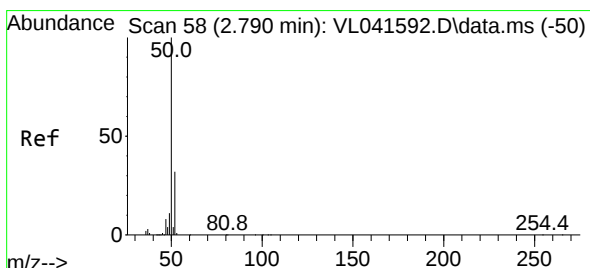
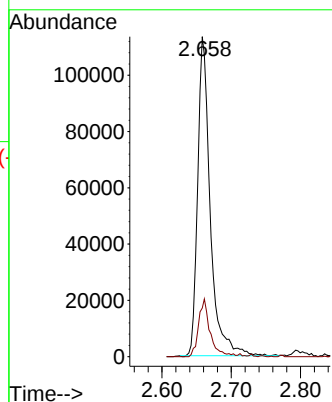
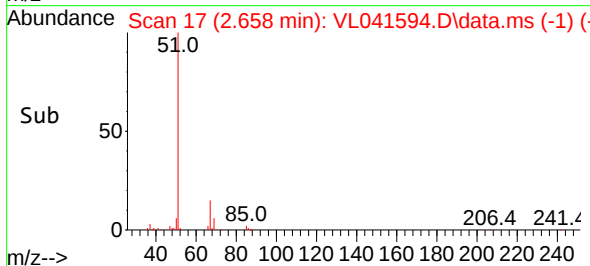
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 51 Resp: 14359
Ion Ratio Lower Upper
51 100
67 17.2 14.1 21.1

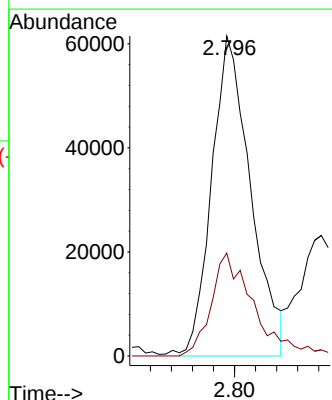
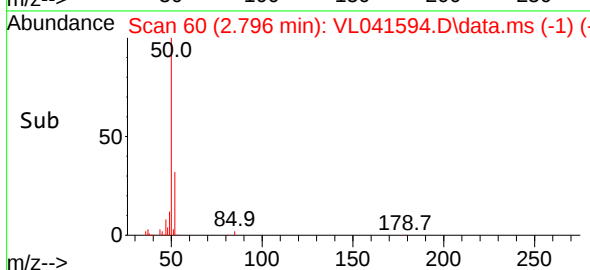
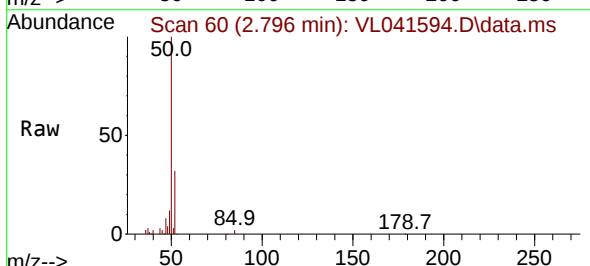
Manual Integrations
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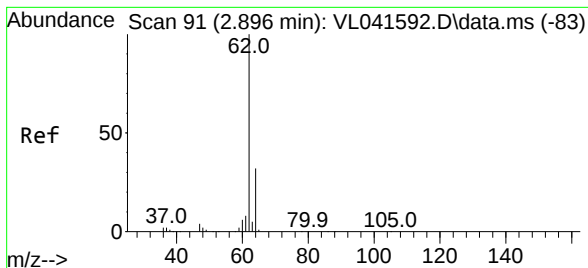
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#4
Chloromethane
Concen: 1.069 ppbv m
RT: 2.796 min Scan# 60
Delta R.T. -0.039 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

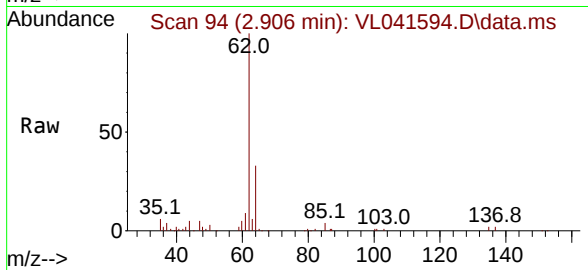
Tgt Ion: 50 Resp: 78805
Ion Ratio Lower Upper
50 100
52 32.1 2.2 3.2#





#5
 Vinyl Chloride
 Concen: 1.015 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. 0.010 min
 Lab File: VL041594.D
 Acq: 16 Sep 2024 14:36

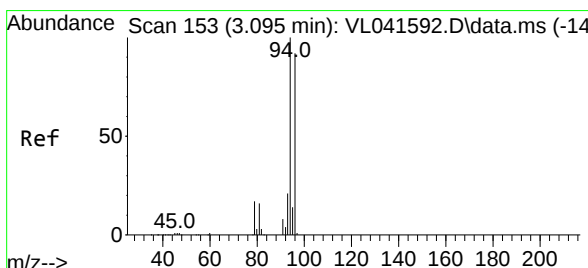
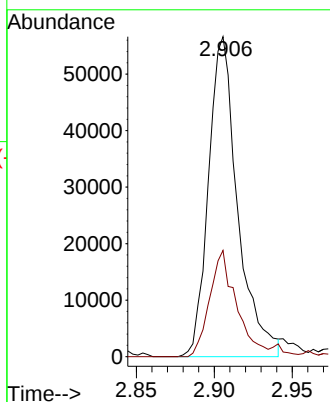
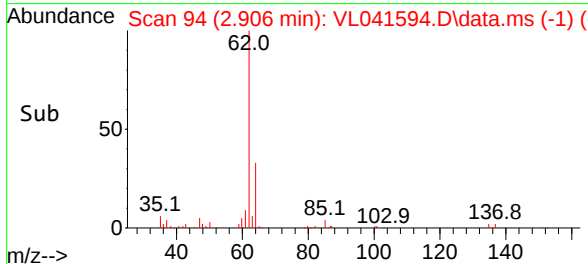
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 62 Resp: 7373
 Ion Ratio Lower Upper
 62 100
 64 33.2 26.0 39.0

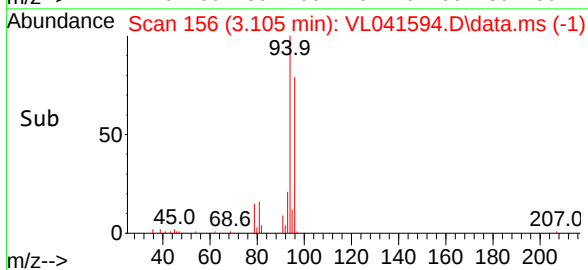
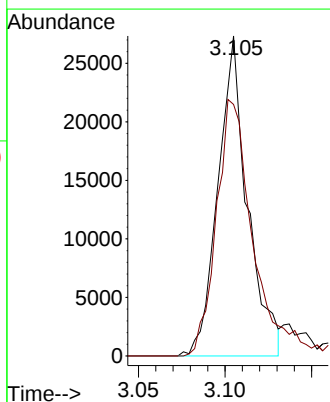
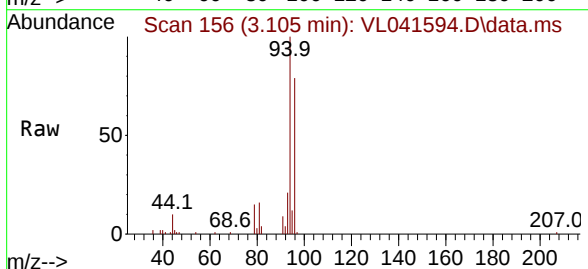
Manual Integrations
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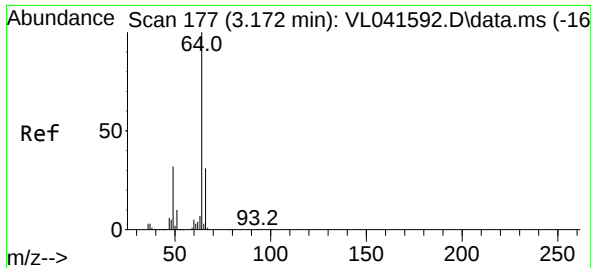
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#6
 Bromomethane
 Concen: 0.864 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. 0.010 min
 Lab File: VL041594.D
 Acq: 16 Sep 2024 14:36

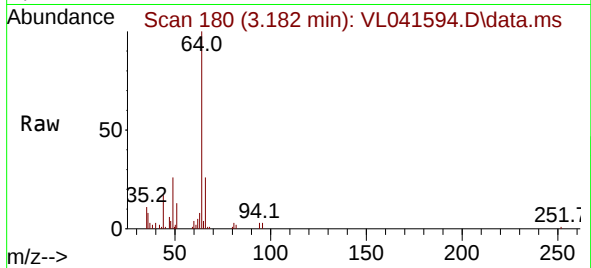
Tgt Ion: 94 Resp: 32268
 Ion Ratio Lower Upper
 94 100
 96 78.6 73.4 110.2





#7
Chloroethane
Concen: 1.033 ppbv
RT: 3.182 min Scan# 177
Delta R.T. 0.010 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

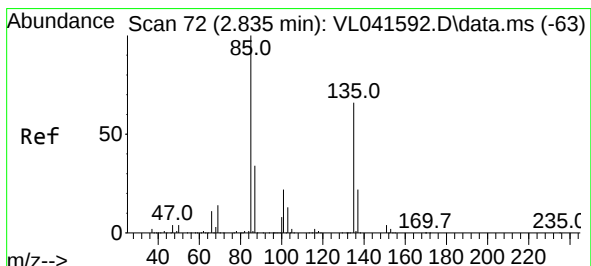
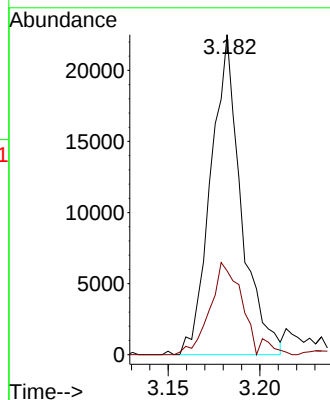
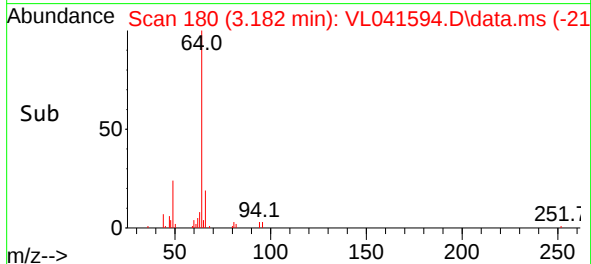
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



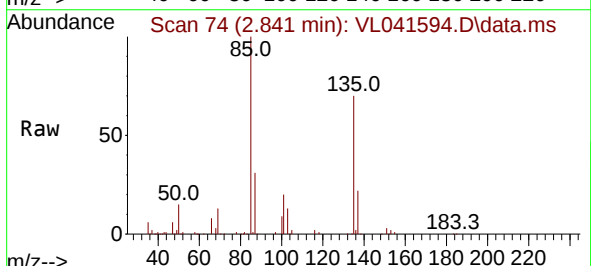
Tgt Ion: 64 Resp: 25889
Ion Ratio Lower Upper
64 100
66 26.2 25.1 37.7

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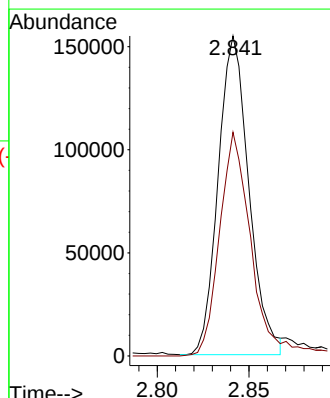
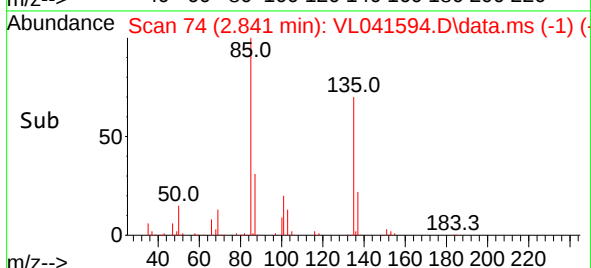
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

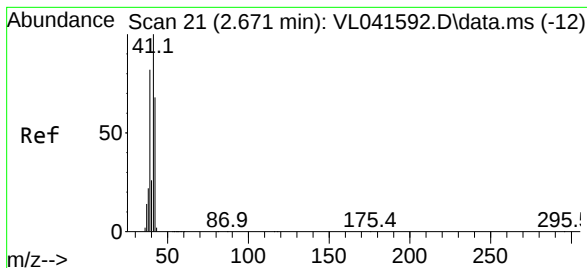


#8
Dichlorotetrafluoroethane
Concen: 1.014 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.006 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36



Tgt Ion: 85 Resp: 179916
Ion Ratio Lower Upper
85 100
135 74.4 53.9 80.9





#9

Propene

Concen: 0.946 ppbv

RT: 2.681 min Scan# 24

Delta R.T. 0.010 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 6020

Ion Ratio Lower Upper

41 100

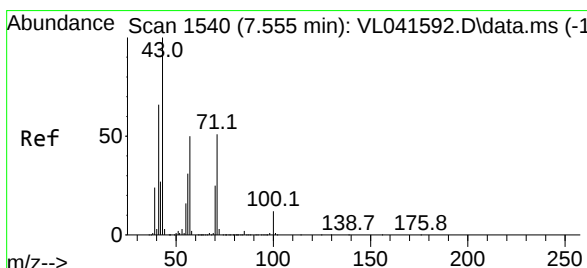
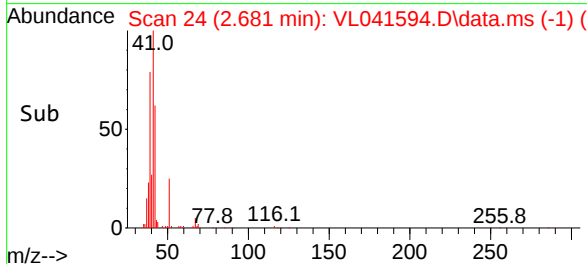
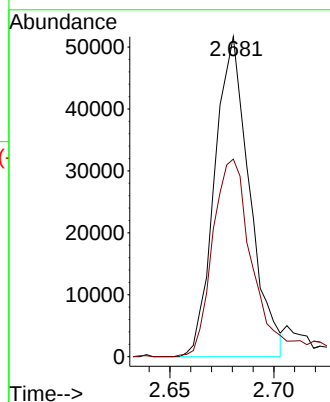
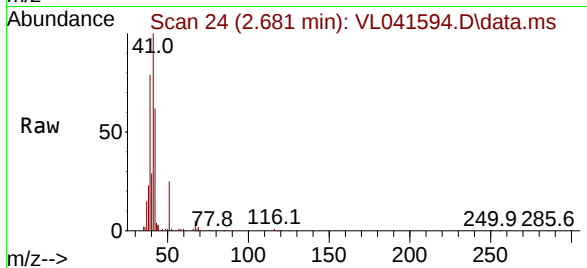
42 74.0 55.2 82.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#10

Heptane

Concen: 0.954 ppbv

RT: 7.565 min Scan# 1543

Delta R.T. 0.010 min

Lab File: VL041594.D

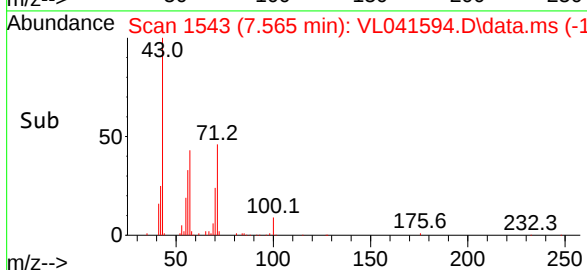
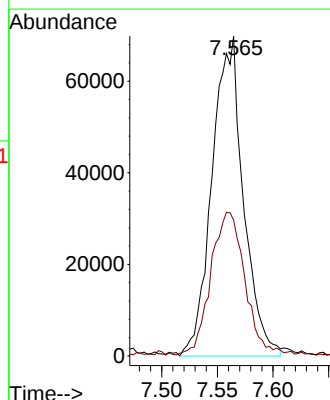
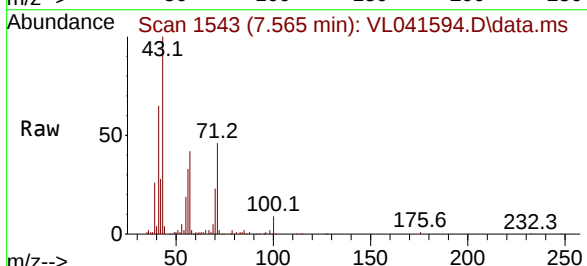
Acq: 16 Sep 2024 14:36

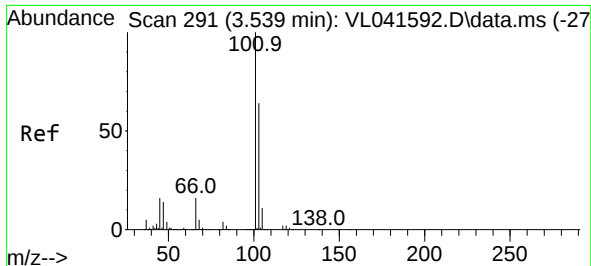
Tgt Ion: 43 Resp: 136494

Ion Ratio Lower Upper

43 100

57 50.8 40.3 60.5





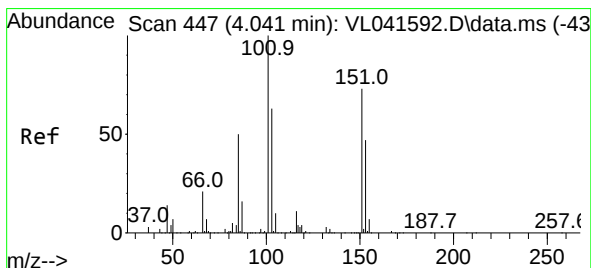
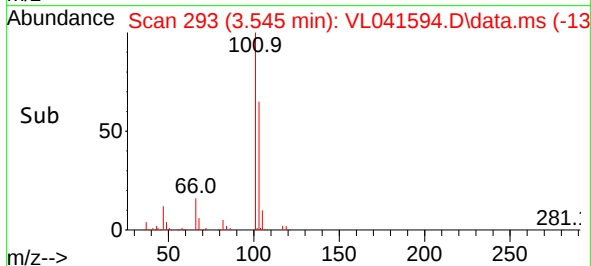
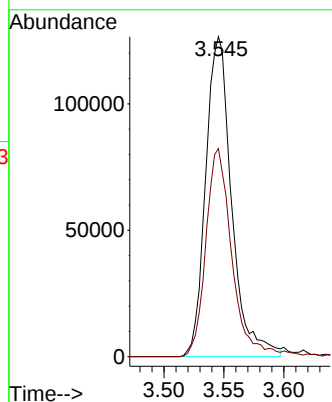
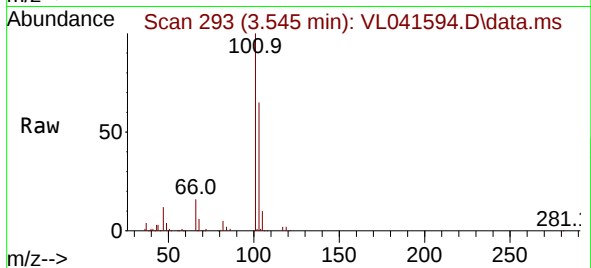
#11
Trichlorofluoromethane
Concen: 1.071 ppbv
RT: 3.545 min Scan# 291
Delta R.T. 0.006 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:101 Resp: 190400
Ion Ratio Lower Upper
101 100
103 65.1 51.2 76.8

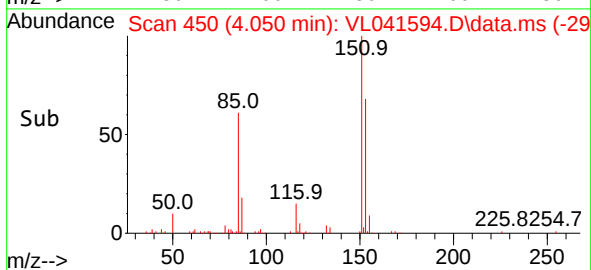
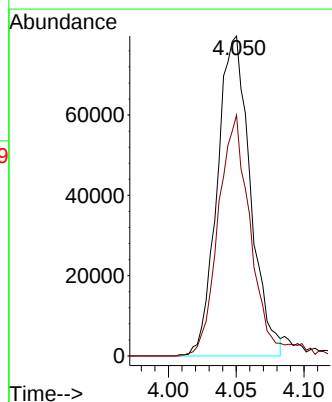
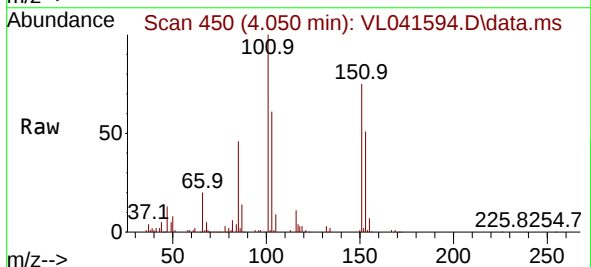
Manual Integrations
APPROVED

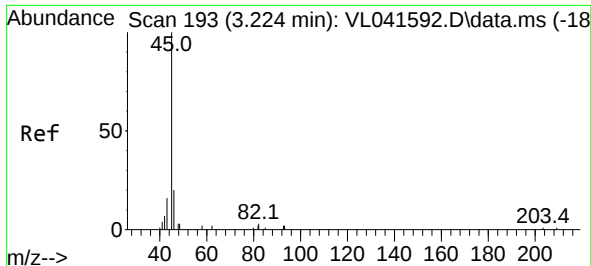
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.056 ppbv
RT: 4.050 min Scan# 450
Delta R.T. 0.010 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

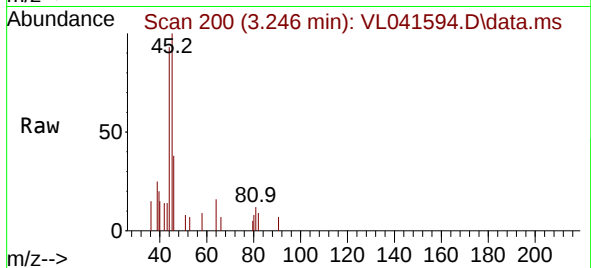
Tgt Ion:101 Resp: 135246
Ion Ratio Lower Upper
101 100
151 75.8 59.5 89.3





#13
Ethanol
Concen: 1.161 ppbv m
RT: 3.246 min Scan# 200
Delta R.T. 0.023 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

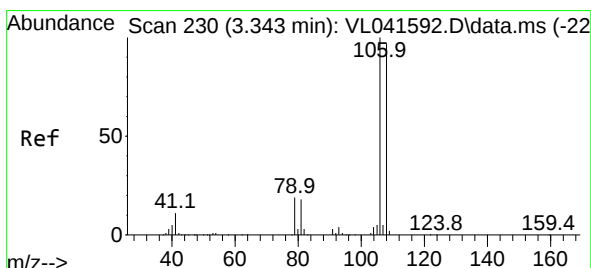
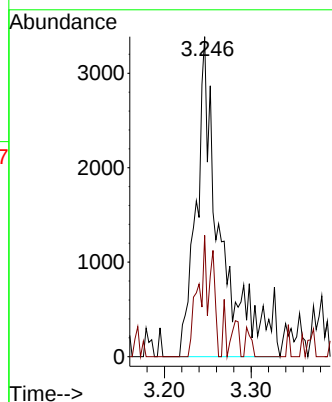
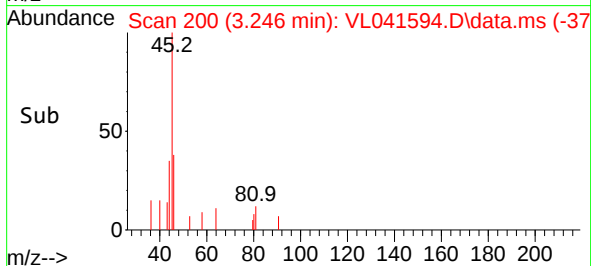
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



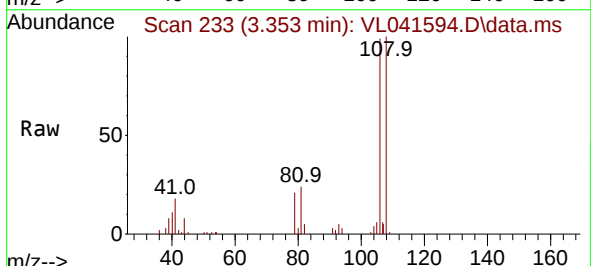
Tgt Ion: 45 Resp: 660
Ion Ratio Lower Upper
45 100
46 22.6 13.6 54.6

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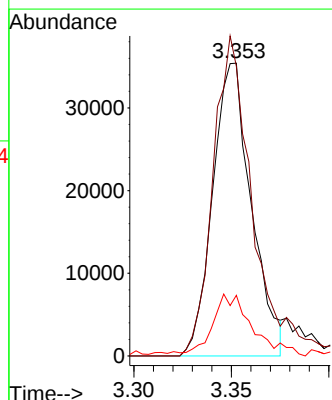
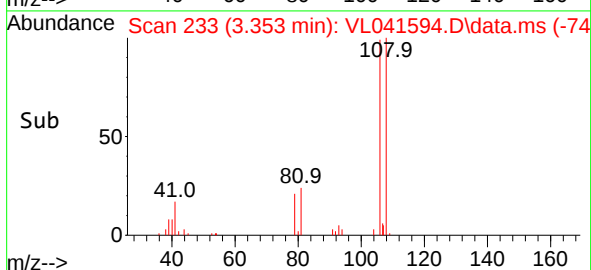
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

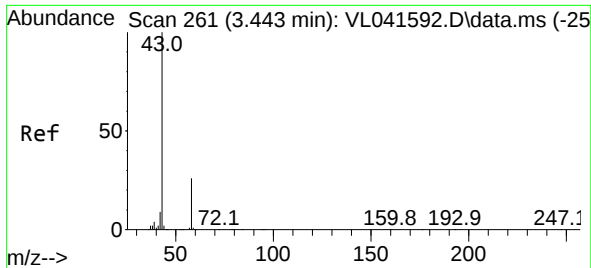


#14
Bromoethene
Concen: 0.981 ppbv
RT: 3.353 min Scan# 233
Delta R.T. 0.010 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36



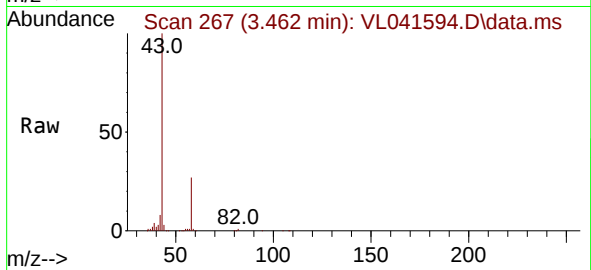
Tgt Ion:108 Resp: 48959
Ion Ratio Lower Upper
108 100
106 116.3 86.5 129.7
79 25.3 16.2 24.4#





#15
Acetone
Concen: 1.095 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.019 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

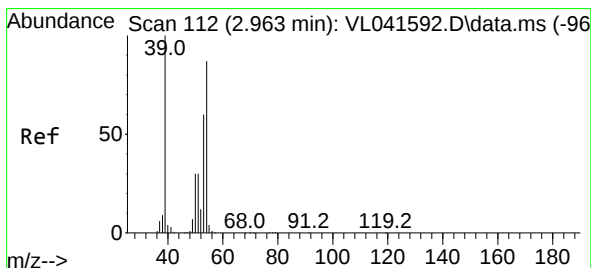
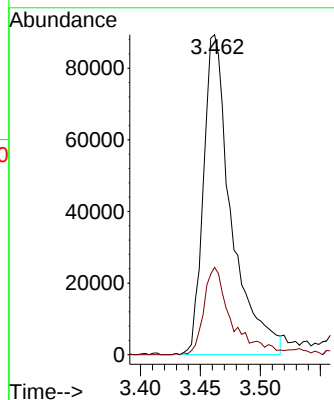
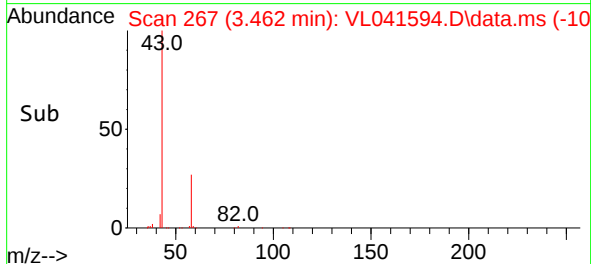
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 14485
Ion Ratio Lower Upper
43 100
58 28.4 21.5 32.3

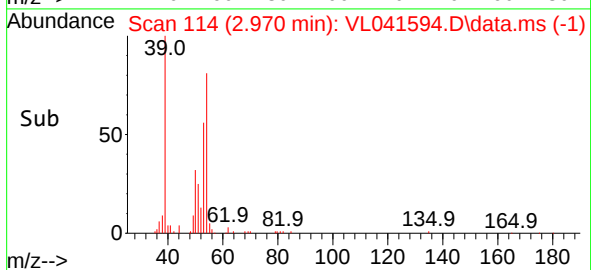
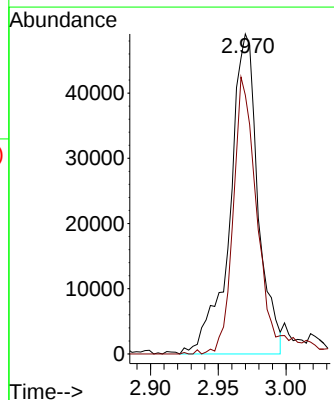
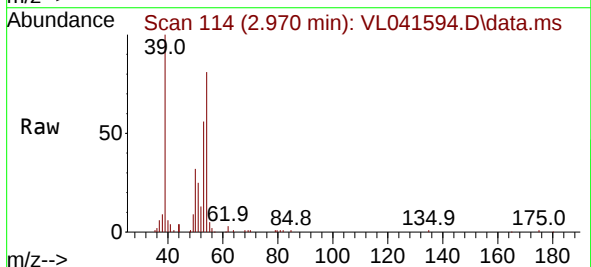
Manual Integrations
APPROVED

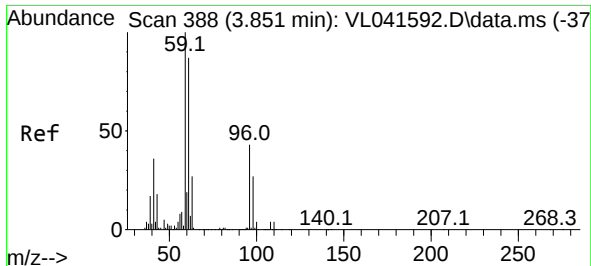
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#16
1,3-Butadiene
Concen: 1.007 ppbv
RT: 2.970 min Scan# 114
Delta R.T. 0.006 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

Tgt Ion: 39 Resp: 71179
Ion Ratio Lower Upper
39 100
54 78.2 62.9 94.3





#17

tert-Butyl alcohol

Concen: 1.098 ppbv

RT: 3.867 min Scan# 391

Delta R.T. 0.016 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 59 Resp: 13242

Ion Ratio Lower Upper

59 100

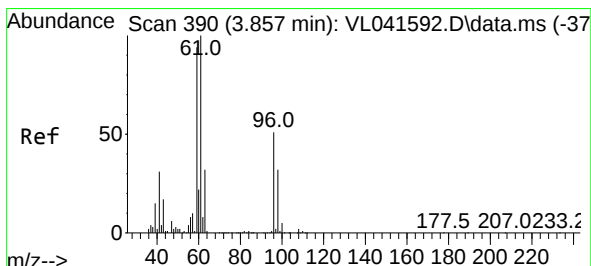
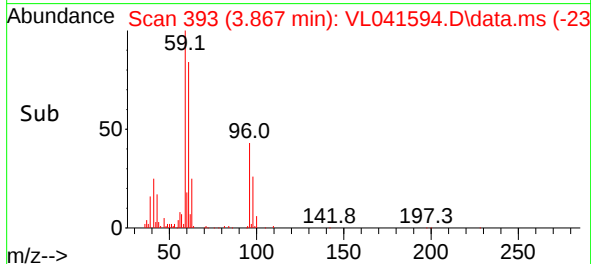
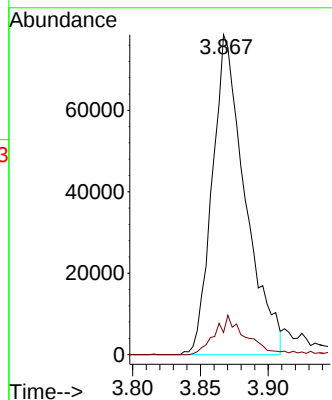
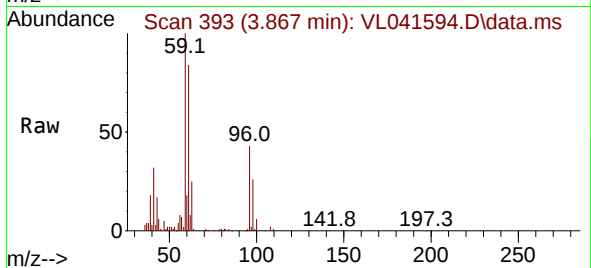
57 12.4 8.7 13.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#18

1,1-Dichloroethene

Concen: 1.042 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.003 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

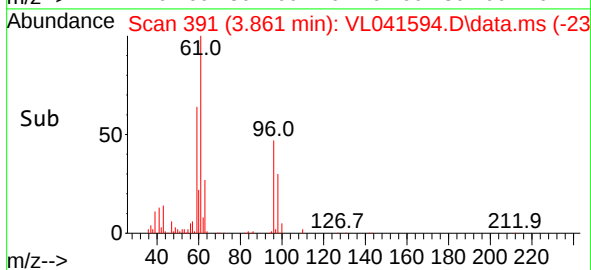
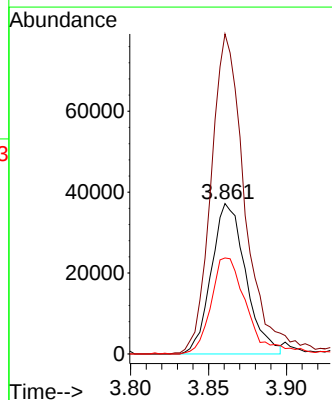
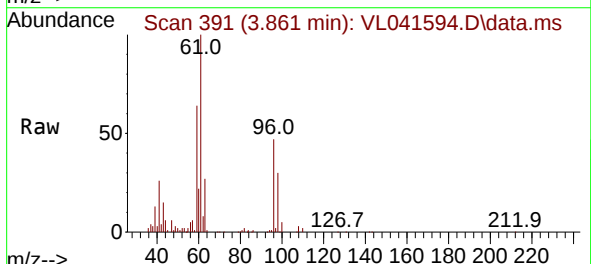
Tgt Ion: 96 Resp: 57053

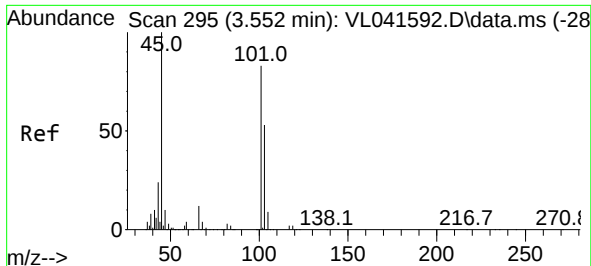
Ion Ratio Lower Upper

96 100

61 212.0 155.6 233.4

98 63.8 50.6 75.8





#19

Isopropyl Alcohol

Concen: 0.991 ppbv

RT: 3.571 min Scan# 301

Delta R.T. 0.019 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

Instrument :

MSVOA_L

ClientSampleId :

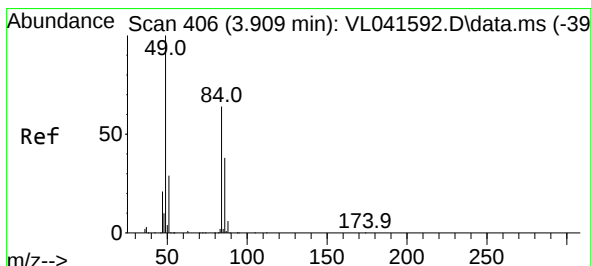
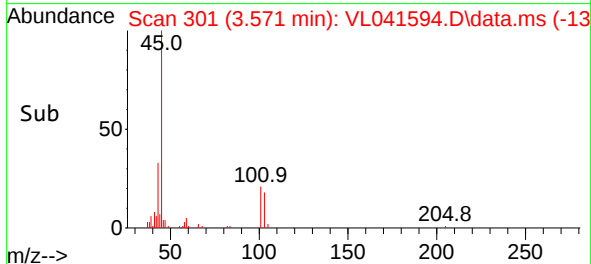
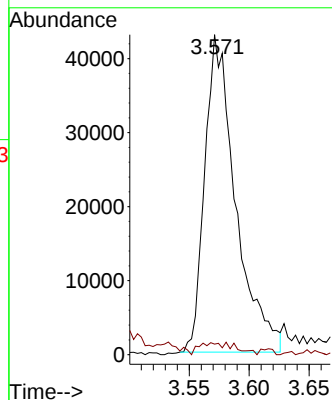
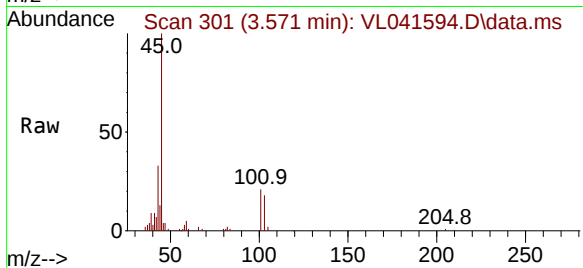
VSTDIC001

Tgt Ion: 45 Resp: 76658
 Ion Ratio Lower Upper
 45 100
 58 4.5 2.4 3.6

Manual Integrations

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



#20

Methylene Chloride

Concen: 1.128 ppbv

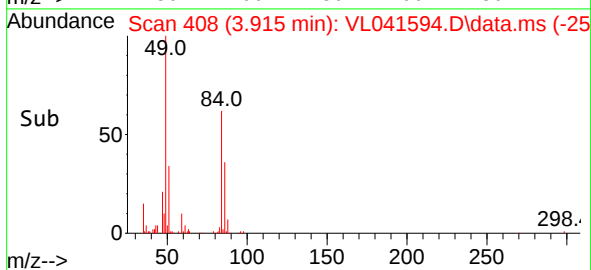
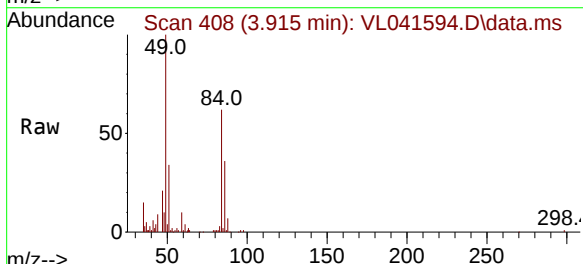
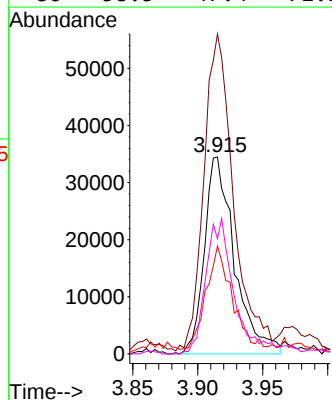
RT: 3.915 min Scan# 408

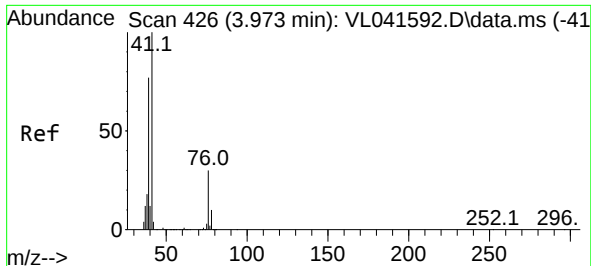
Delta R.T. 0.006 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

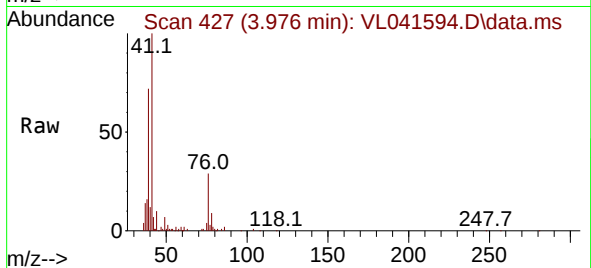
Tgt Ion: 84 Resp: 55627
 Ion Ratio Lower Upper
 84 100
 49 158.0 124.3 186.5
 51 52.4 36.3 54.5
 86 58.5 47.4 71.2





#21
 Allyl Chloride
 Concen: 0.963 ppbv
 RT: 3.976 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041594.D
 Acq: 16 Sep 2024 14:36

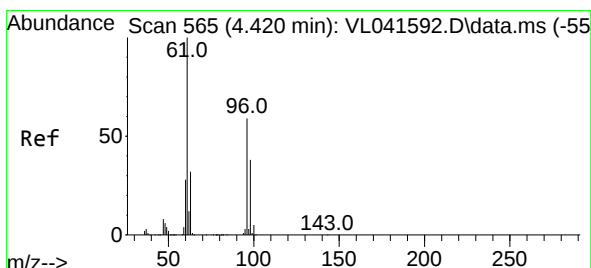
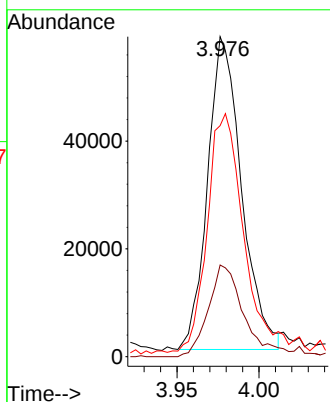
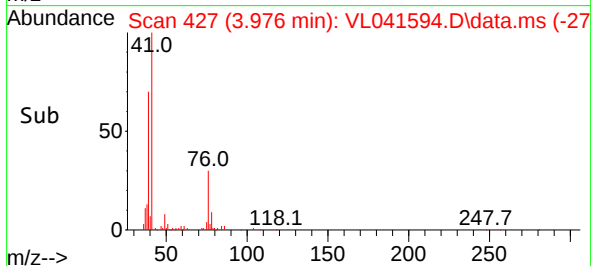
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 41 Resp: 83509
 Ion Ratio Lower Upper
 41 100
 76 31.9 23.8 35.6
 39 92.0 64.2 96.4

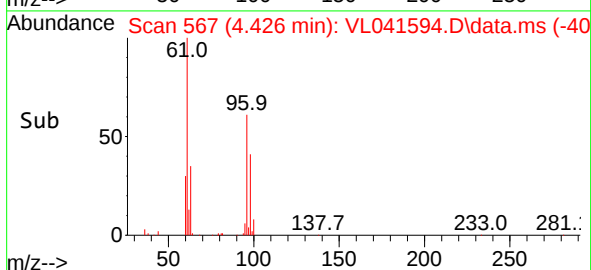
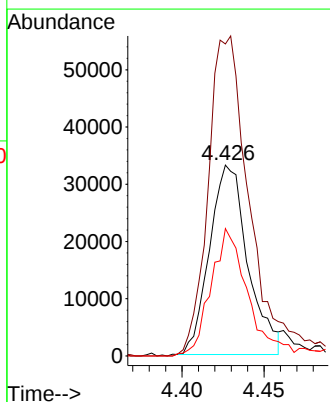
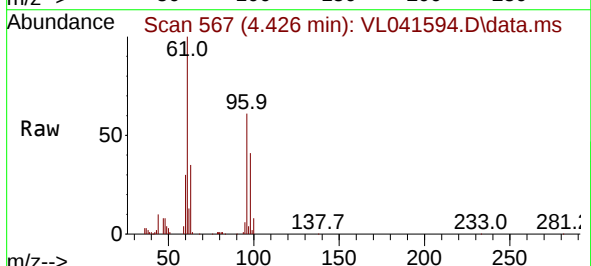
Manual Integrations
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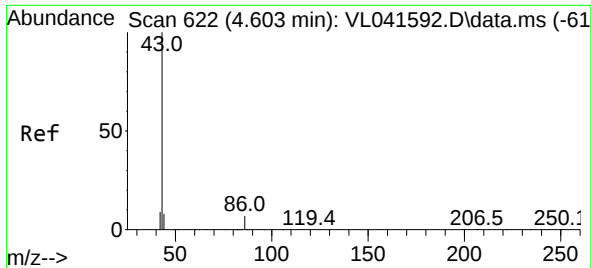
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#22
 trans-1,2-Dichloroethene
 Concen: 0.981 ppbv
 RT: 4.426 min Scan# 567
 Delta R.T. 0.006 min
 Lab File: VL041594.D
 Acq: 16 Sep 2024 14:36

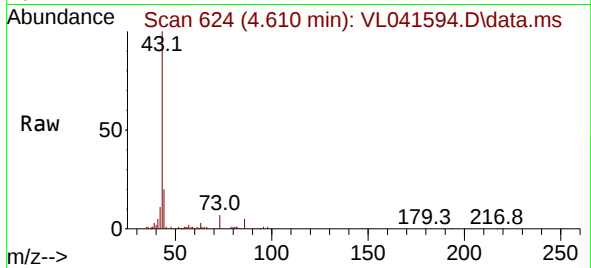
Tgt Ion: 96 Resp: 53748
 Ion Ratio Lower Upper
 96 100
 61 163.7 135.7 203.5
 98 66.1 50.9 76.3





#23
Vinyl Acetate
Concen: 0.751 ppbv
RT: 4.610 min Scan# 610
Delta R.T. 0.006 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

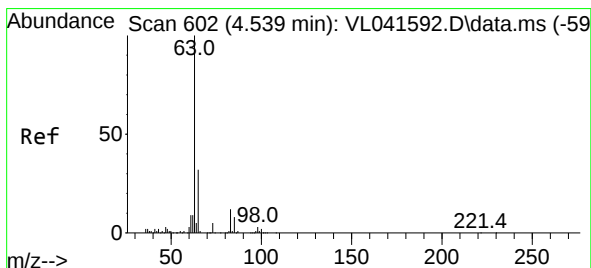
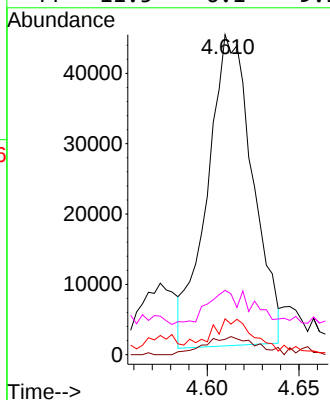
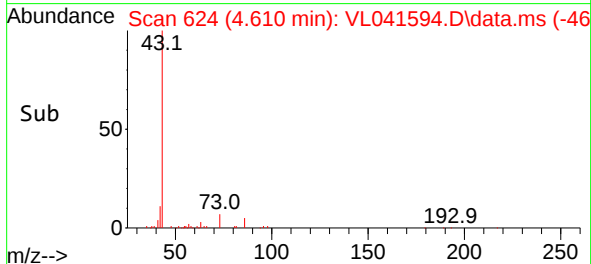
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 7587
Ion Ratio Lower Upper
43 100
86 4.6 4.9 7.3
42 11.8 8.0 12.0
44 11.5 6.1 9.1#

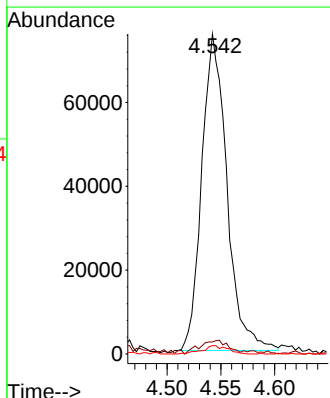
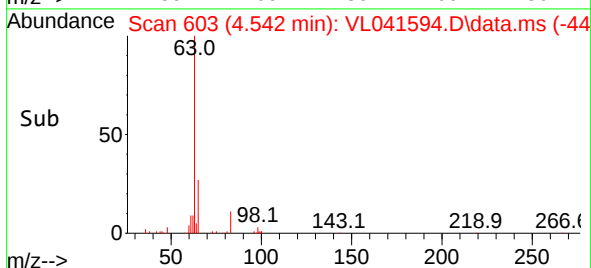
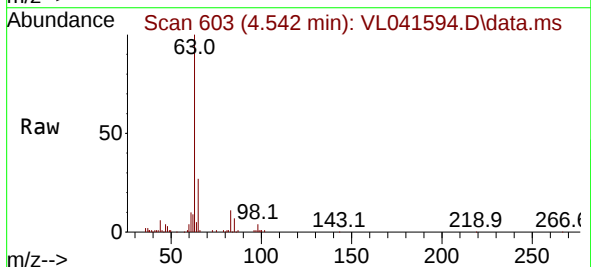
Manual Integrations
APPROVED

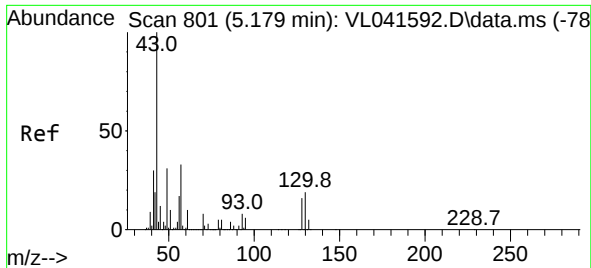
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#24
1,1-Dichloroethane
Concen: 1.034 ppbv
RT: 4.542 min Scan# 603
Delta R.T. 0.003 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

Tgt Ion: 63 Resp: 122972
Ion Ratio Lower Upper
63 100
98 3.8 1.7 5.1
100 2.6 1.1 3.3





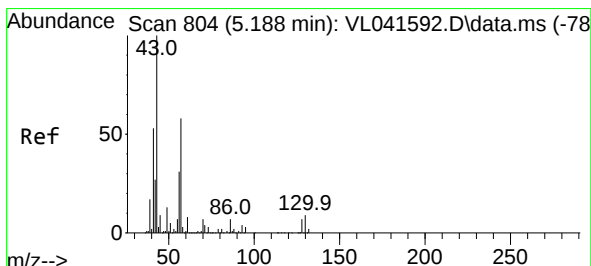
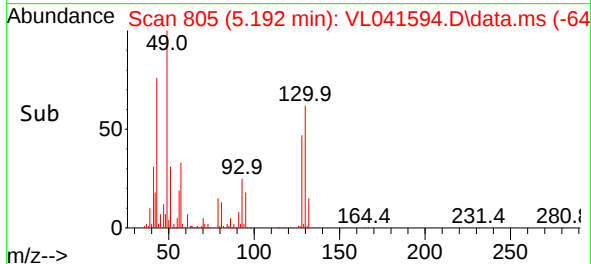
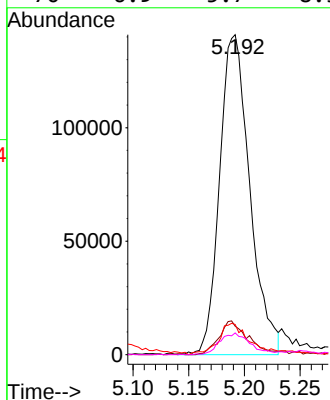
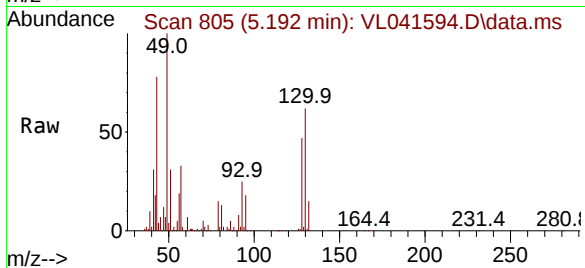
#25
Ethyl Acetate
Concen: 1.013 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.013 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 266035
Ion Ratio Lower Upper
43 100
45 10.4 8.2 12.2
61 11.2 8.0 12.0
70 6.9 5.7 8.5

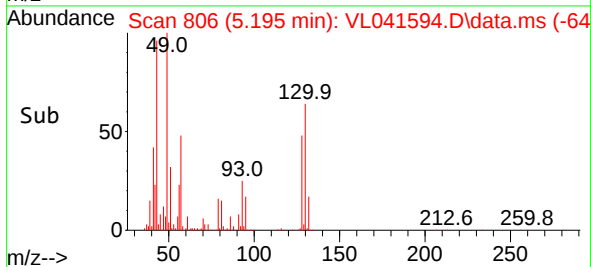
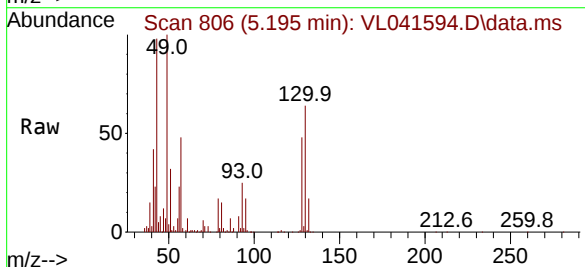
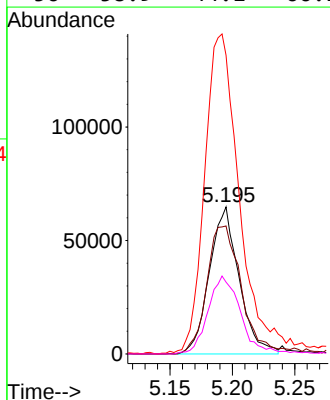
Manual Integrations
APPROVED

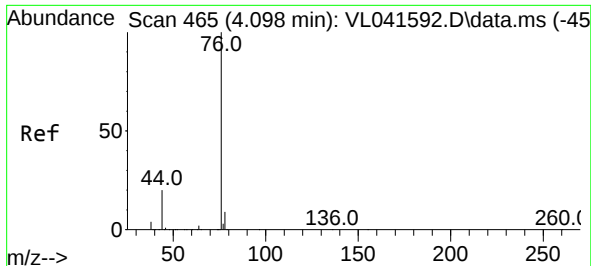
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#26
Hexane
Concen: 0.987 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.006 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

Tgt Ion: 57 Resp: 107564
Ion Ratio Lower Upper
57 100
41 105.1 75.7 113.5
43 258.3 197.3 295.9
56 58.9 44.1 66.1





#27

Carbon Disulfide

Concen: 0.858 ppbv

RT: 4.105 min Scan# 4

Delta R.T. 0.006 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

Instrument :

MSVOA_L

ClientSampleId :

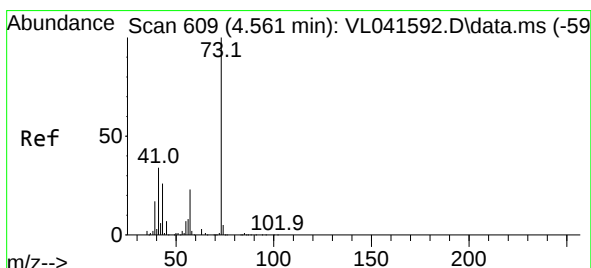
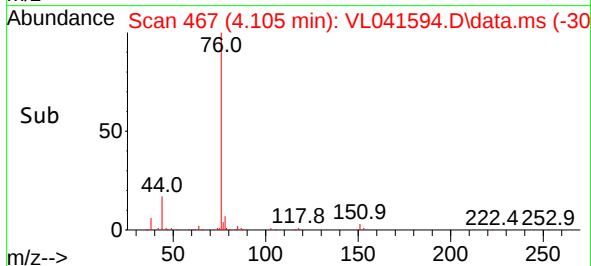
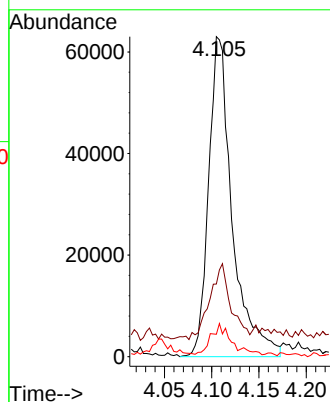
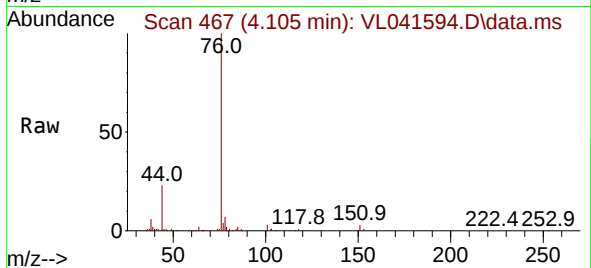
VSTDIC001

Tgt Ion: 76 Resp: 109400
 Ion Ratio Lower Upper
 76 100
 44 21.1 15.4 23.2
 78 10.1 7.4 11.0

Manual Integrations

APPROVED

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



#28

Methyl tert-Butyl Ether

Concen: 0.978 ppbv

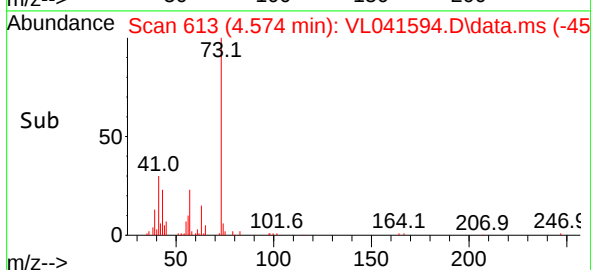
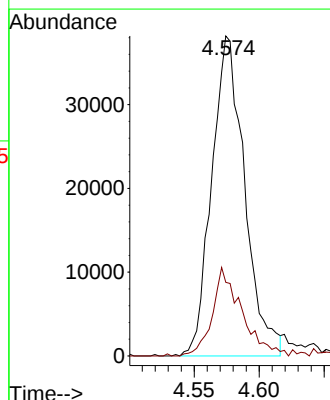
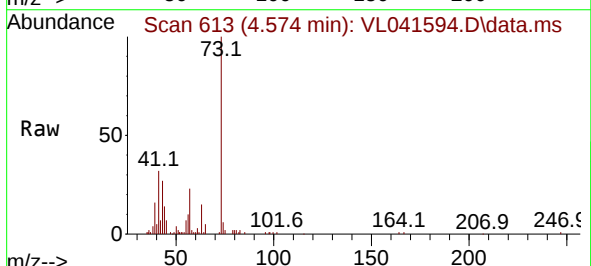
RT: 4.574 min Scan# 613

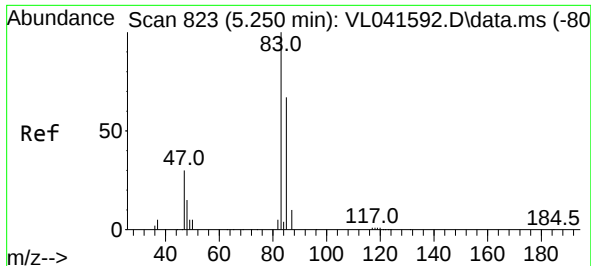
Delta R.T. 0.013 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

Tgt Ion: 73 Resp: 67246
 Ion Ratio Lower Upper
 73 100
 57 24.7 19.3 28.9





#29

Chloroform

Concen: 1.030 ppbv

RT: 5.253 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 83 Resp: 18312

Ion Ratio Lower Upper

83 100

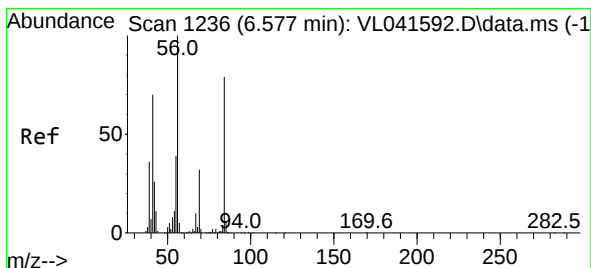
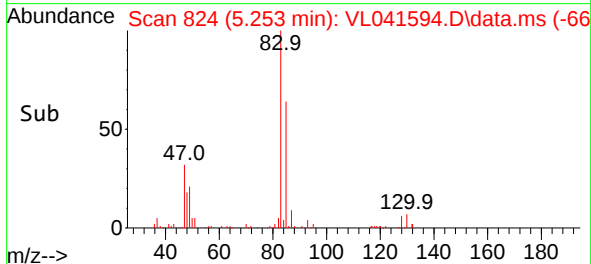
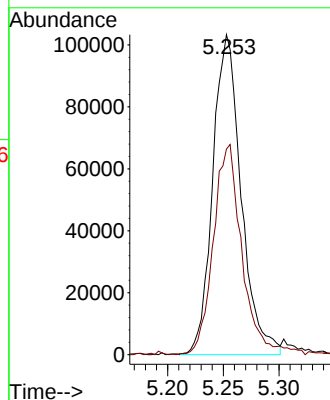
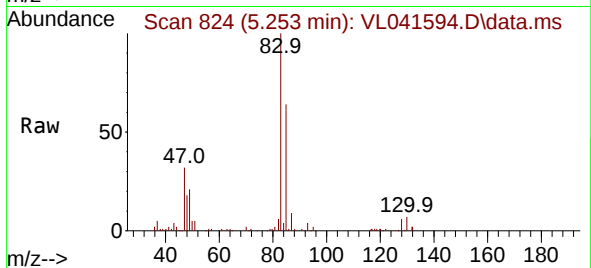
85 63.9 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#30

Cyclohexane

Concen: 0.879 ppbv

RT: 6.577 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

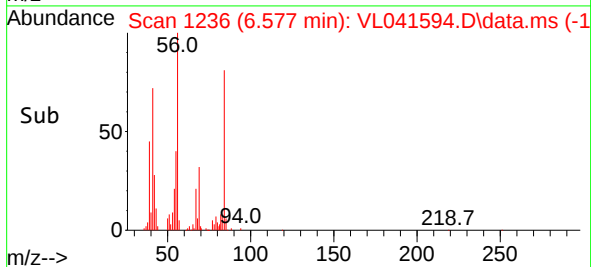
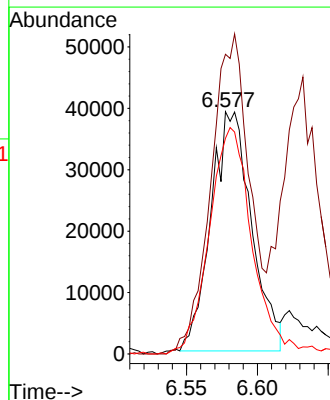
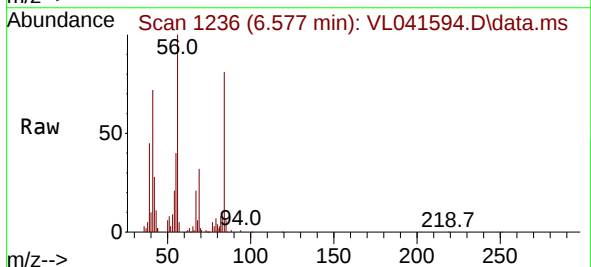
Tgt Ion: 84 Resp: 77992

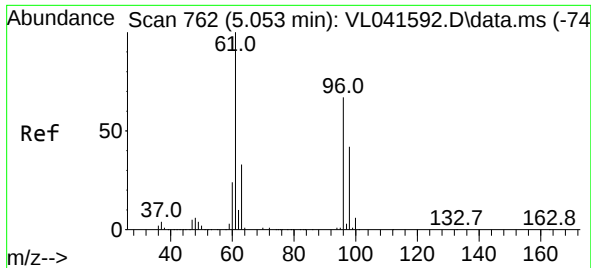
Ion Ratio Lower Upper

84 100

56 124.4 111.5 167.3

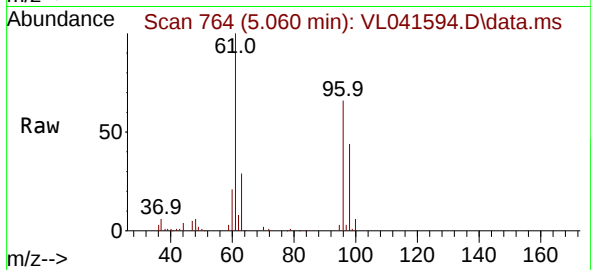
41 100.6 70.9 106.3





#31
 cis-1,2-Dichloroethene
 Concen: 0.957 ppbv
 RT: 5.060 min Scan# 762
 Delta R.T. 0.006 min
 Lab File: VL041594.D
 Acq: 16 Sep 2024 14:36

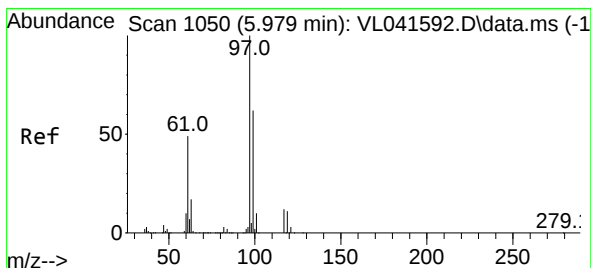
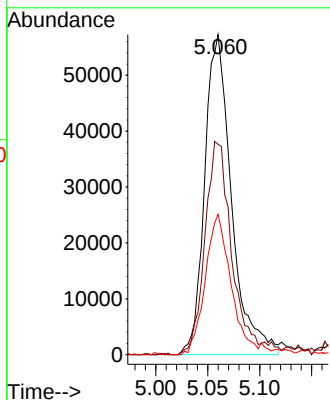
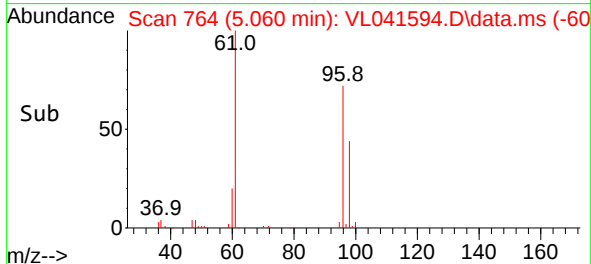
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



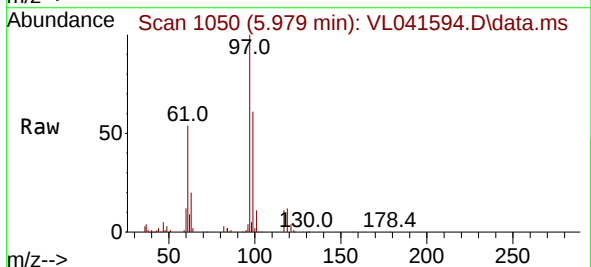
Tgt Ion: 61 Resp: 10303
 Ion Ratio Lower Upper
 61 100
 96 65.8 53.5 80.3
 98 43.8 33.7 50.5

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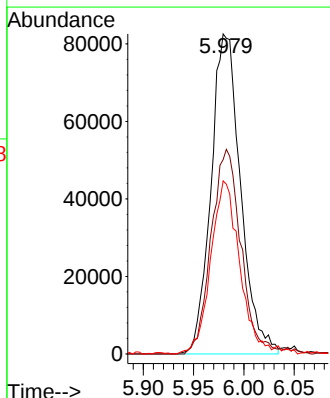
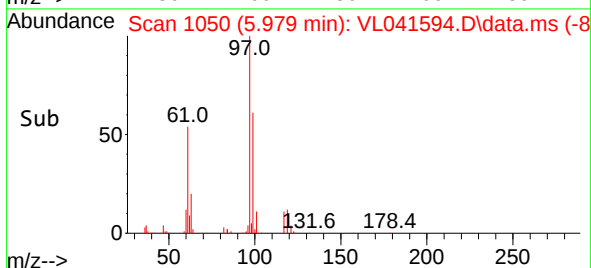
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024

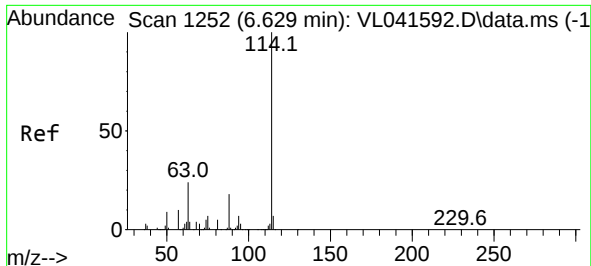


#32
 1,1,1-Trichloroethane
 Concen: 0.976 ppbv
 RT: 5.979 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VL041594.D
 Acq: 16 Sep 2024 14:36



Tgt Ion: 97 Resp: 168967
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.0 76.4
 61 53.7 41.4 62.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 321835

Ion Ratio Lower Upper

114 100

63 25.2 20.2 30.2

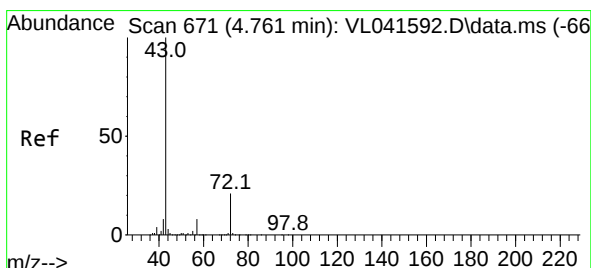
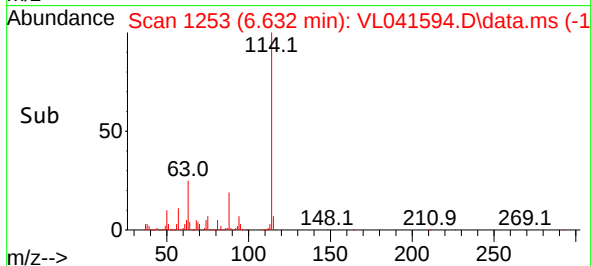
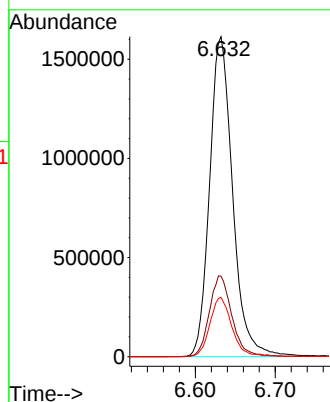
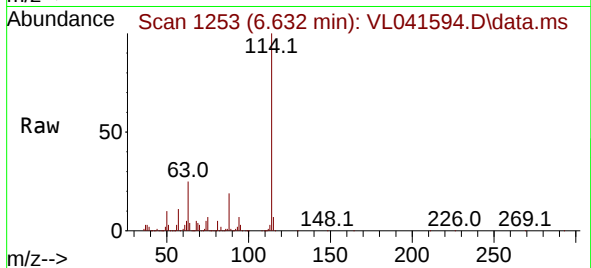
88 17.9 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#34

2-Butanone

Concen: 0.904 ppbv

RT: 4.774 min Scan# 675

Delta R.T. 0.013 min

Lab File: VL041594.D

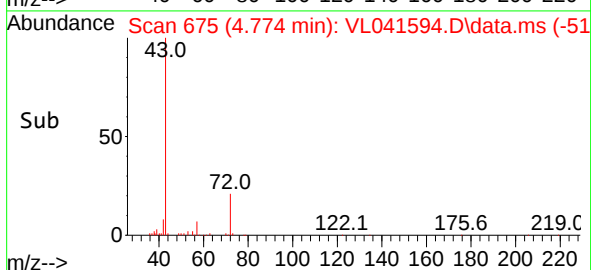
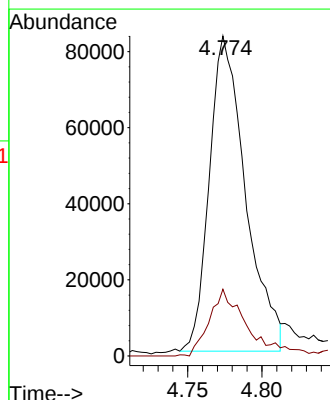
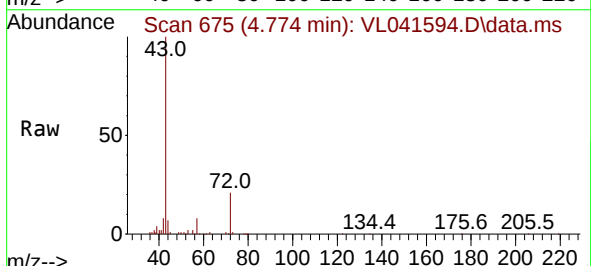
Acq: 16 Sep 2024 14:36

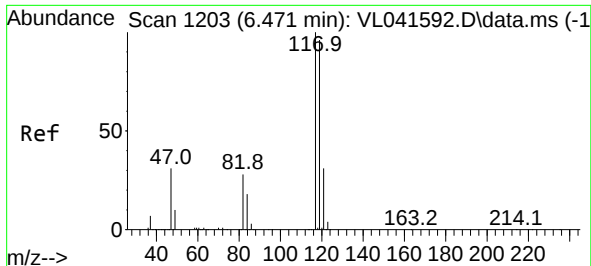
Tgt Ion: 43 Resp: 140700

Ion Ratio Lower Upper

43 100

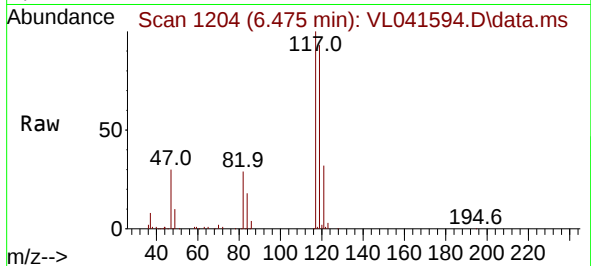
72 23.6 17.0 25.4





#35
Carbon Tetrachloride
Concen: 0.939 ppbv
RT: 6.475 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

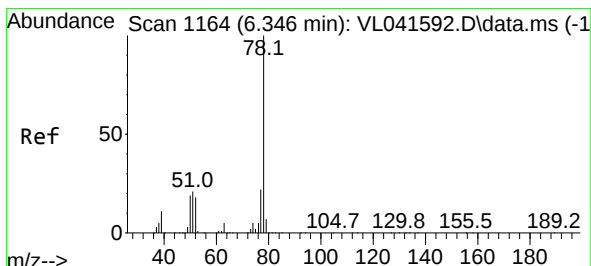
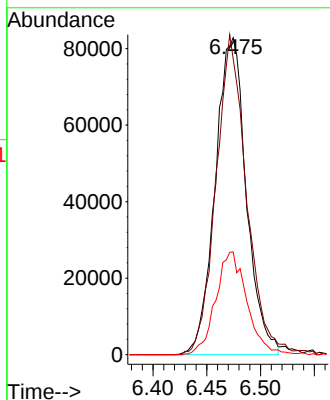
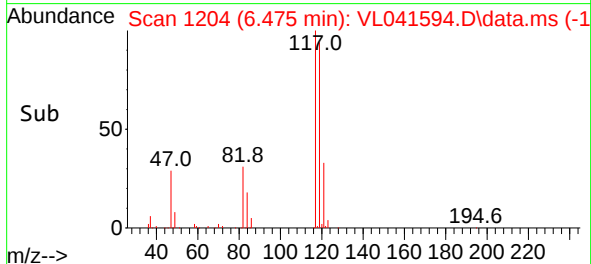
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 166610
Ion Ratio Lower Upper
117 100
119 93.1 76.8 115.2
121 32.4 25.0 37.6

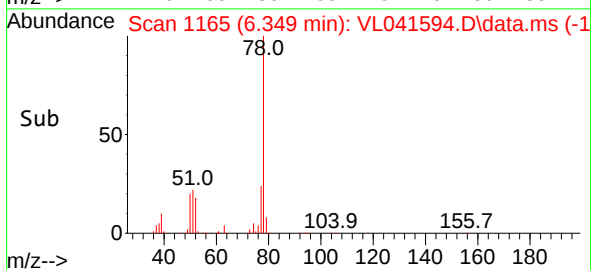
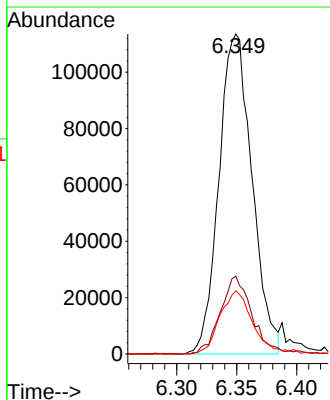
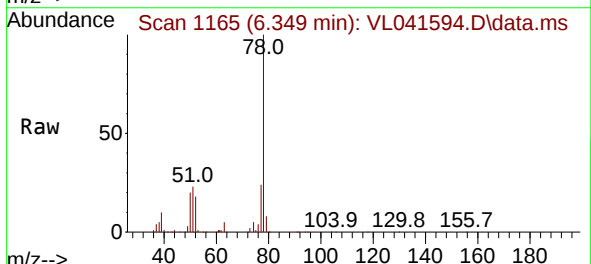
Manual Integrations
APPROVED

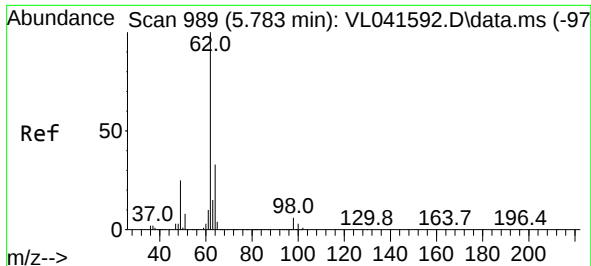
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#36
Benzene
Concen: 0.927 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

Tgt Ion: 78 Resp: 217922
Ion Ratio Lower Upper
78 100
77 24.3 17.8 26.6
50 19.8 15.4 23.0





#37

1,2-Dichloroethane

Concen: 0.992 ppbv

RT: 5.787 min Scan# 989

Delta R.T. 0.003 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 62 Resp: 13060

Ion Ratio Lower Upper

62 100

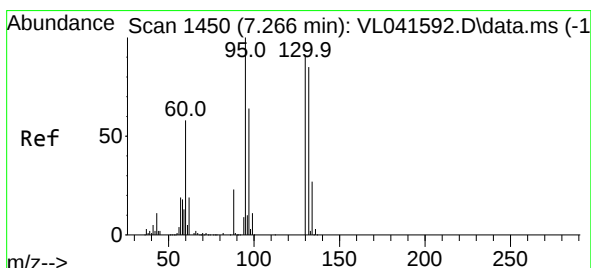
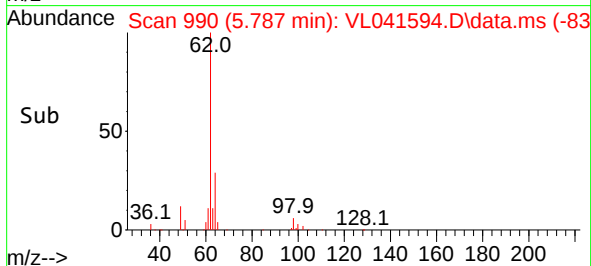
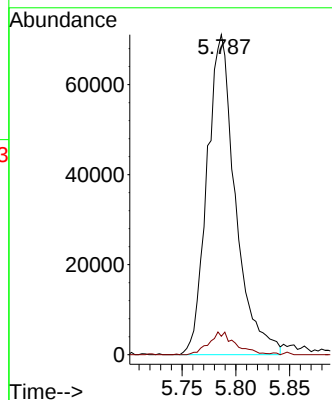
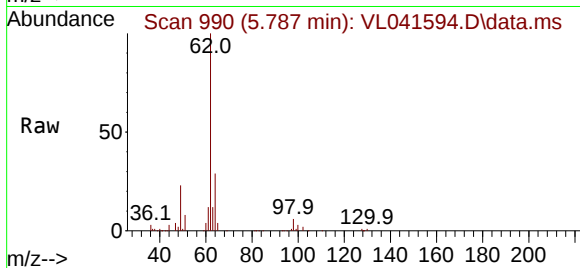
98 6.9 4.8 7.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#38

Trichloroethene

Concen: 1.065 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. 0.003 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

Tgt Ion:130 Resp: 114753

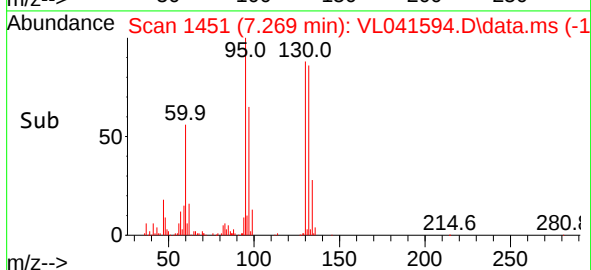
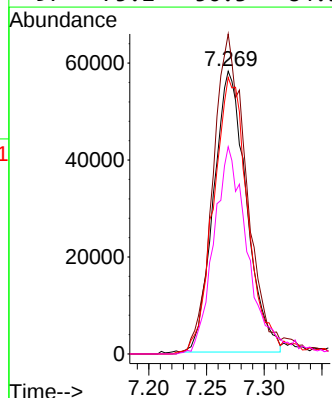
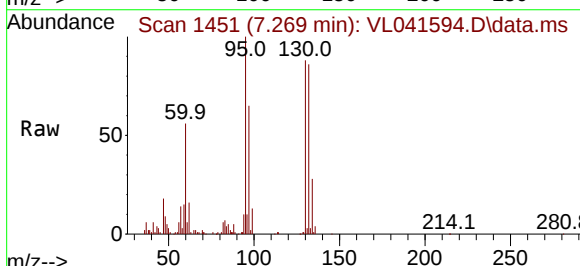
Ion Ratio Lower Upper

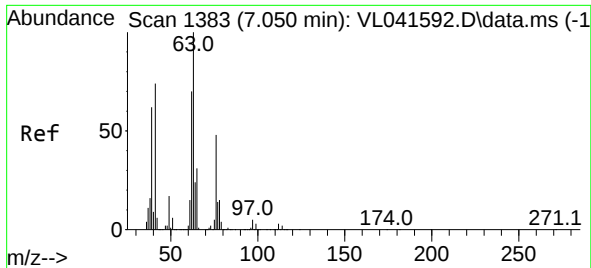
130 100

95 116.0 87.7 131.5

132 99.9 74.5 111.7

97 75.2 56.3 84.5





#39

1,2-Dichloropropane

Concen: 0.994 ppbv

RT: 7.050 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

Instrument :

MSVOA_L

ClientSampleId :

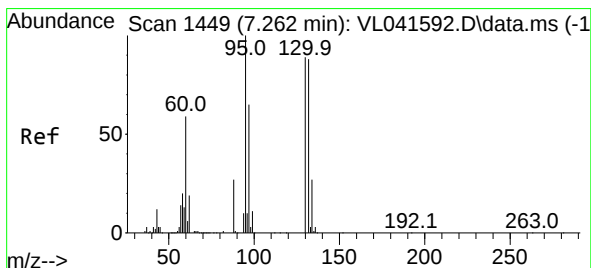
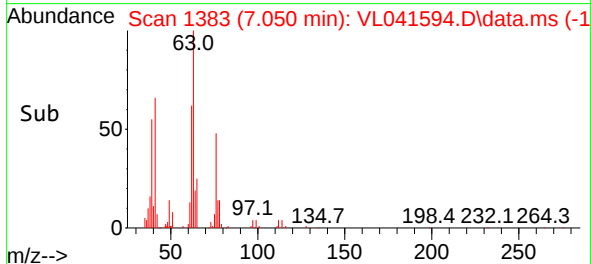
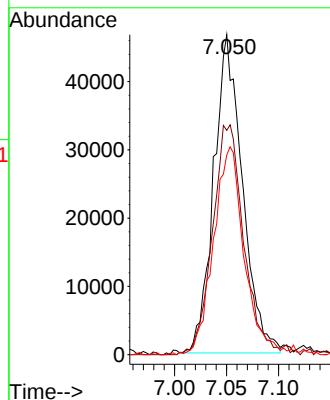
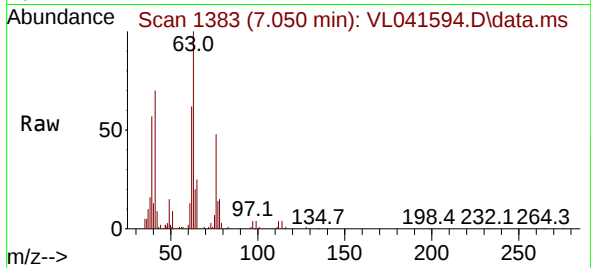
VSTDICC001

Tgt Ion: 63	Resp: 8945
Ion Ratio	Lower Upper
63	100
41	69.8 59.5 89.3
62	62.0 56.2 84.2

Manual Integrations

APPROVED

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



#40

1,4-Dioxane

Concen: 0.891 ppbv

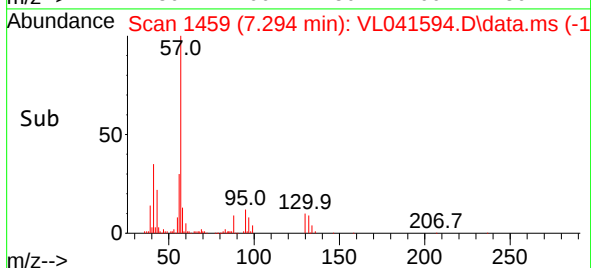
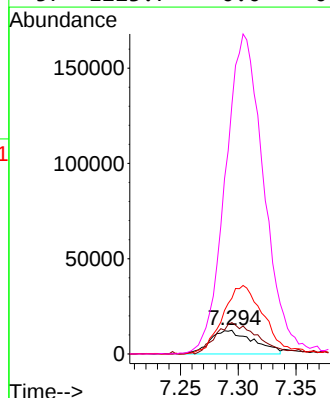
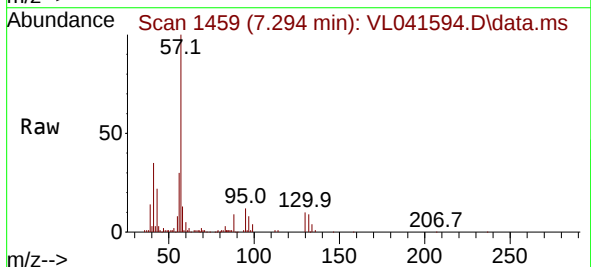
RT: 7.294 min Scan# 1459

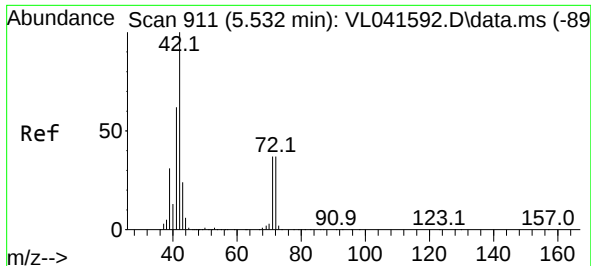
Delta R.T. 0.032 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

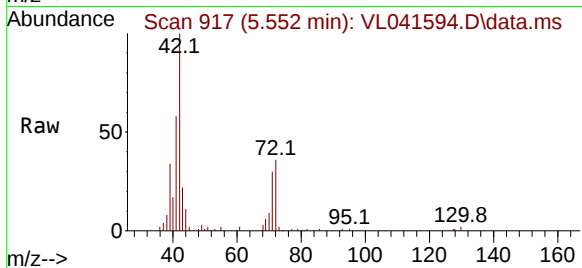
Tgt Ion: 88	Resp: 32240
Ion Ratio	Lower Upper
88	100
58	140.2 100.2 150.4
43	284.1 0.0 0.0#
57	1223.7 0.0 0.0#





#41
Tetrahydrofuran
Concen: 0.928 ppbv m
RT: 5.552 min Scan# 911
Delta R.T. 0.019 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

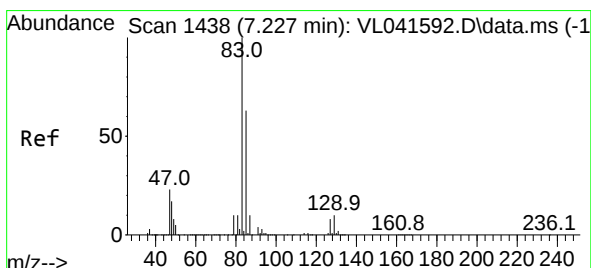
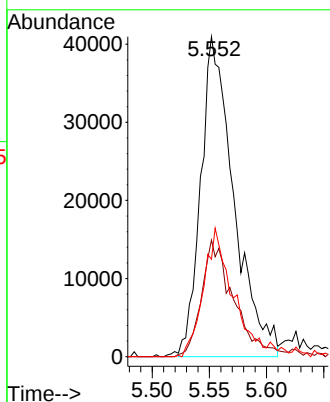
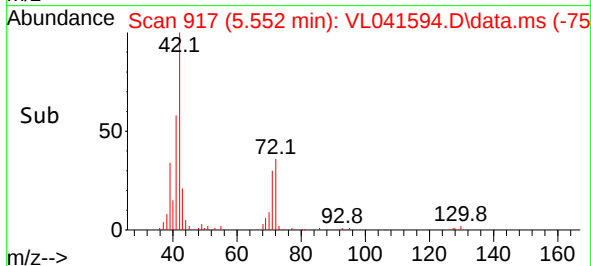
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



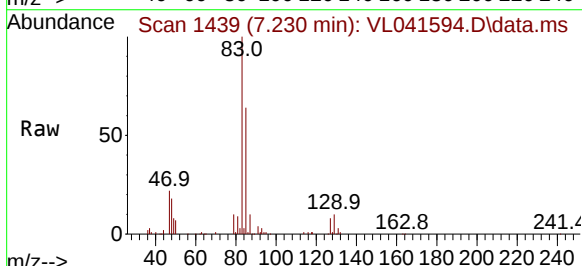
Tgt Ion: 42 Resp: 8266
Ion Ratio Lower Upper
42 100
72 36.3 30.1 45.1
71 37.5 29.6 44.4

Manual Integrations
APPROVED

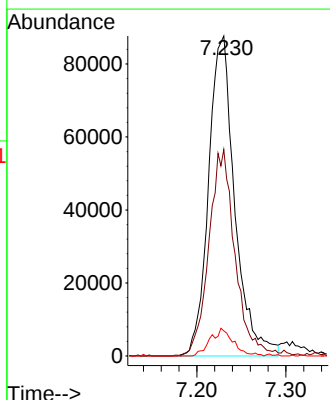
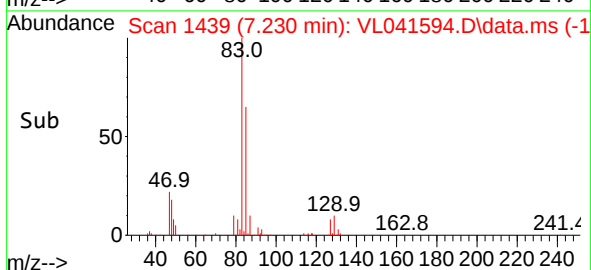
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

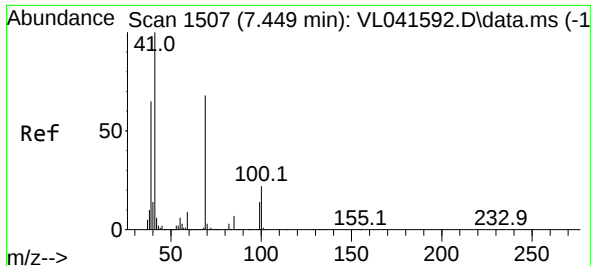


#42
Bromodichloromethane
Concen: 0.944 ppbv
RT: 7.230 min Scan# 1439
Delta R.T. 0.003 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36



Tgt Ion: 83 Resp: 179366
Ion Ratio Lower Upper
83 100
85 64.3 50.5 75.7
127 7.8 6.5 9.7





#43
Methyl Methacrylate
Concen: 0.860 ppbv
RT: 7.462 min Scan# 1511
Delta R.T. 0.013 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

Instrument :

MSVOA_L

ClientSampleId :

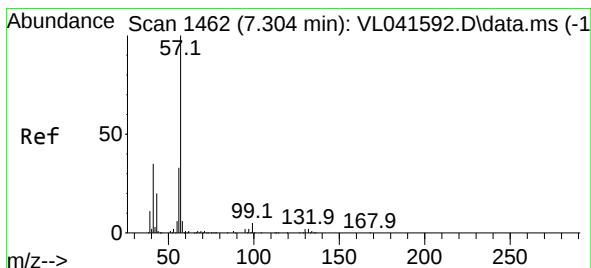
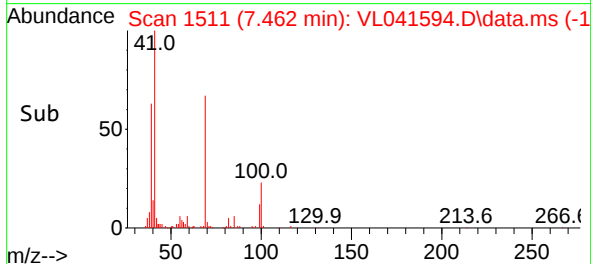
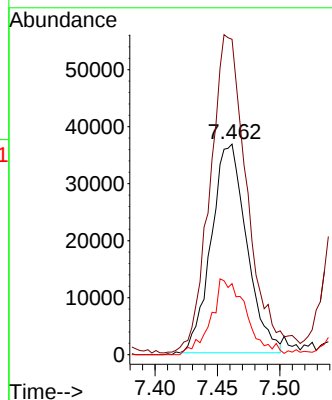
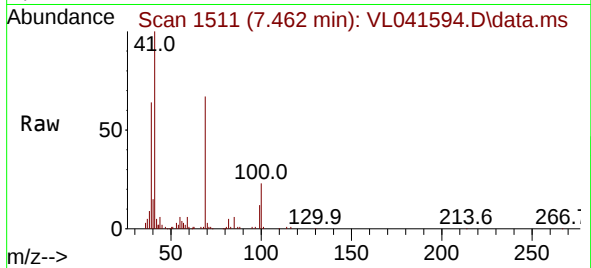
VSTDIC001

Tgt Ion: 69 Resp: 7248
Ion Ratio Lower Upper
69 100
41 162.1 121.8 182.6
100 36.0 26.5 39.7

Manual Integrations

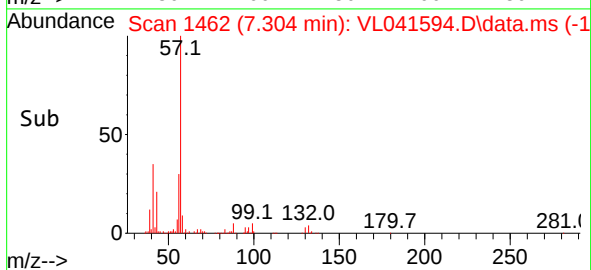
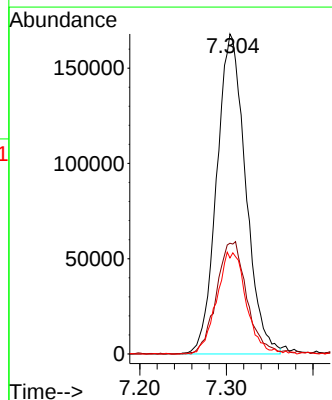
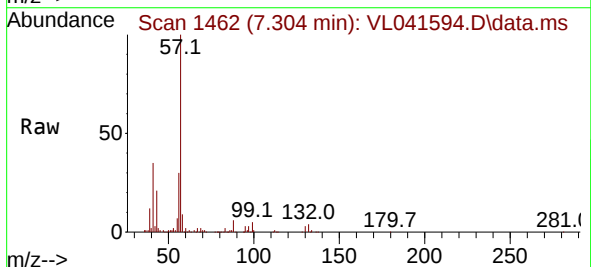
APPROVED

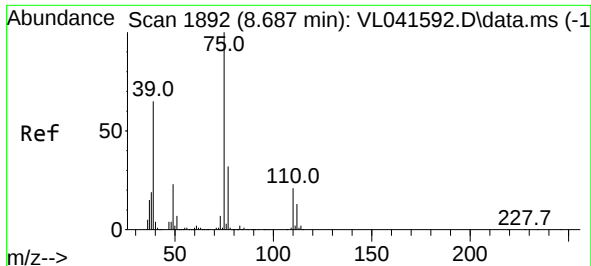
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#44
2,2,4-Trimethylpentane
Concen: 0.992 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

Tgt Ion: 57 Resp: 389526
Ion Ratio Lower Upper
57 100
41 37.2 27.0 40.6
56 32.9 25.5 38.3





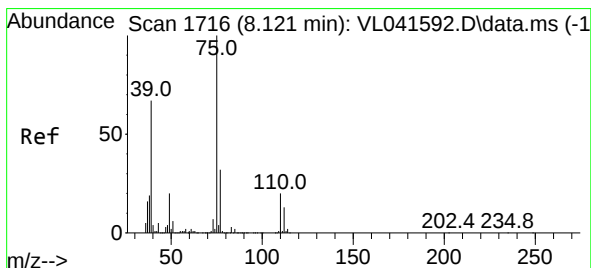
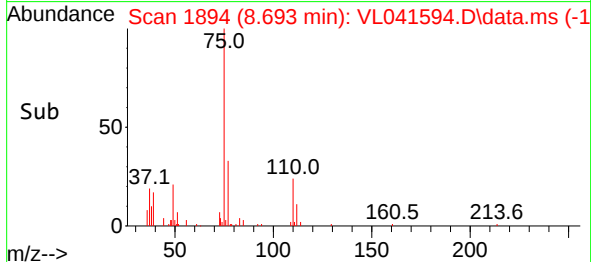
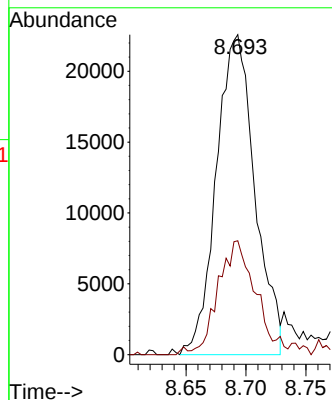
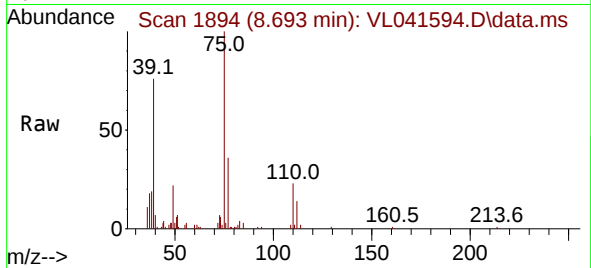
#45
t-1,3-Dichloropropene
Concen: 0.651 ppbv
RT: 8.693 min Scan# 1892
Delta R.T. 0.006 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 5054
Ion Ratio Lower Upper
75 100
77 34.5 25.4 38.0

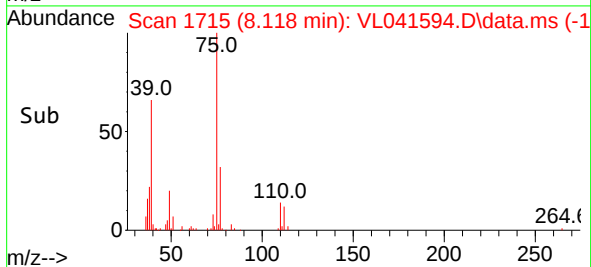
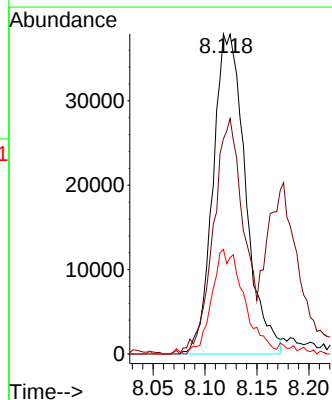
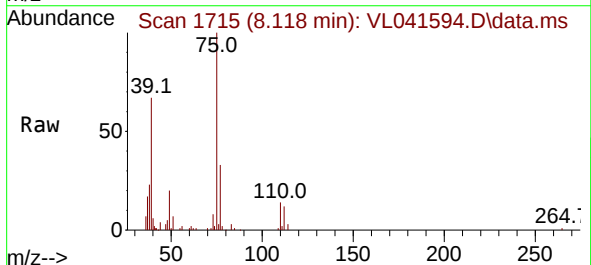
Manual Integrations
APPROVED

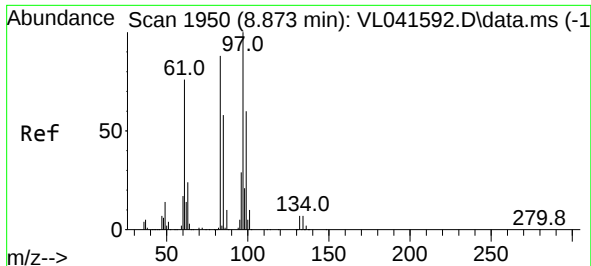
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#46
cis-1,3-Dichloropropene
Concen: 0.736 ppbv
RT: 8.118 min Scan# 1715
Delta R.T. -0.003 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

Tgt Ion: 75 Resp: 82468
Ion Ratio Lower Upper
75 100
39 67.2 54.0 81.0
77 32.0 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 0.982 ppbv

RT: 8.873 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 97 Resp: 97460

Ion Ratio Lower Upper

97 100

83 89.9 70.2 105.4

85 49.8 46.3 69.5

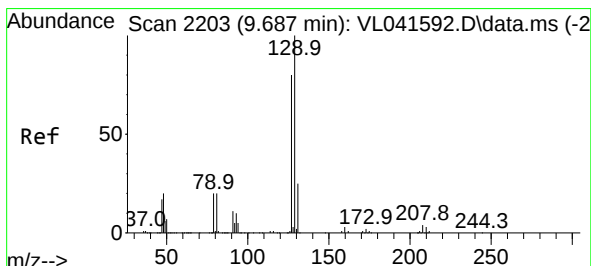
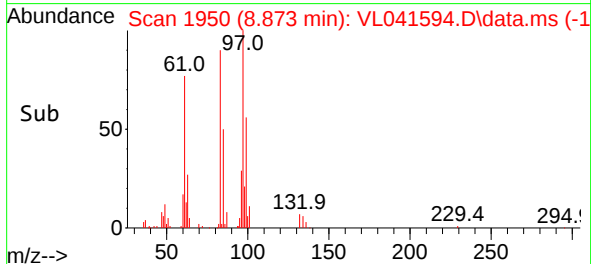
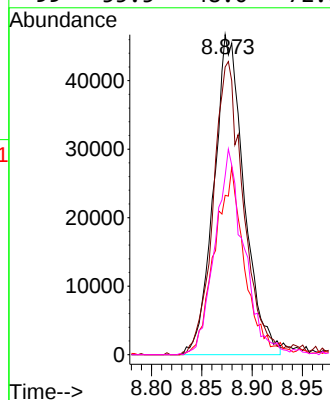
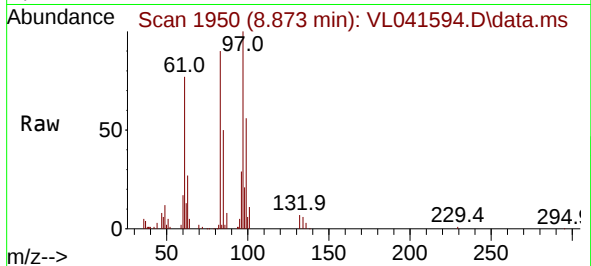
99 55.5 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#48

Dibromochloromethane

Concen: 0.862 ppbv

RT: 9.687 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VL041594.D

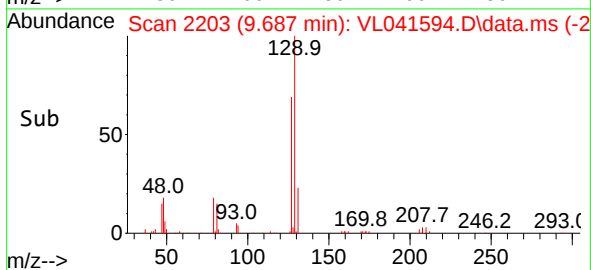
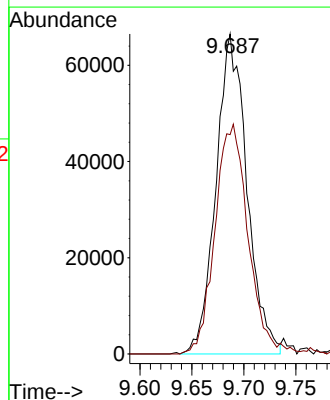
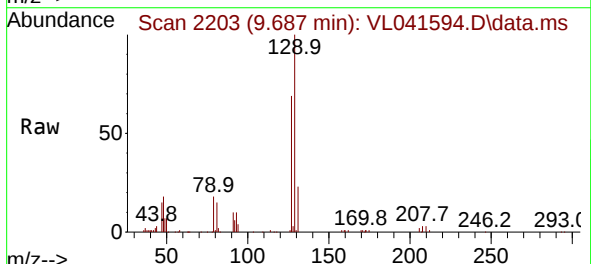
Acq: 16 Sep 2024 14:36

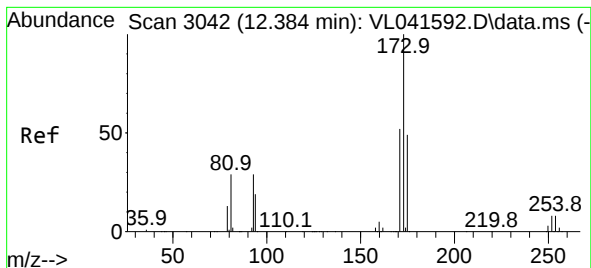
Tgt Ion:129 Resp: 137881

Ion Ratio Lower Upper

129 100

127 77.5 39.3 117.9





#49

Bromoform

Concen: 0.864 ppbv

RT: 12.388 min Scan# 3042

Delta R.T. 0.003 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:173 Resp: 116700

Ion Ratio Lower Upper

173 100

175 48.0 40.1 60.1

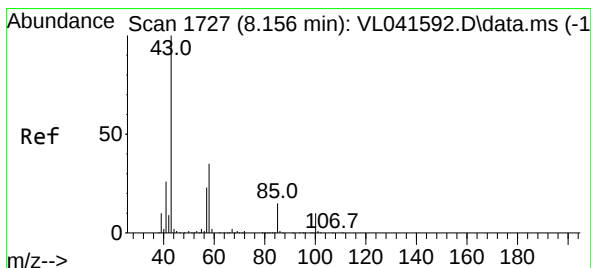
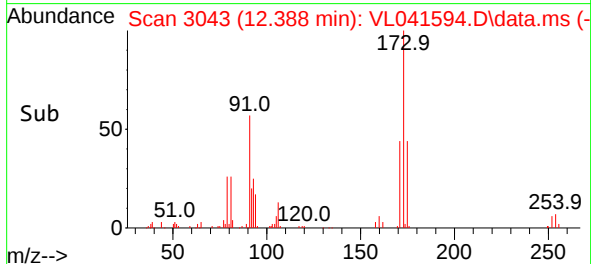
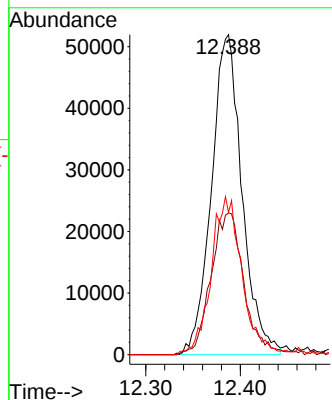
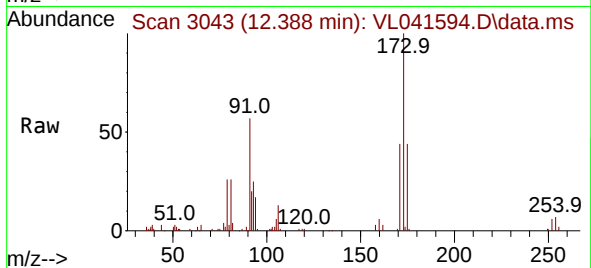
171 50.6 42.2 63.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#50

4-Methyl-2-Pentanone

Concen: 0.913 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. 0.016 min

Lab File: VL041594.D

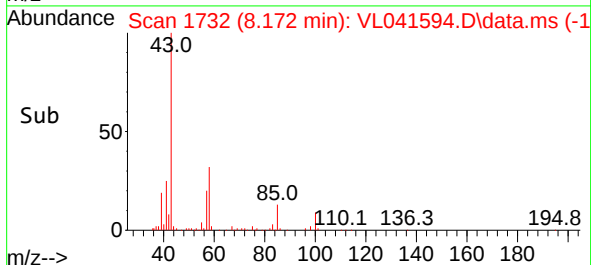
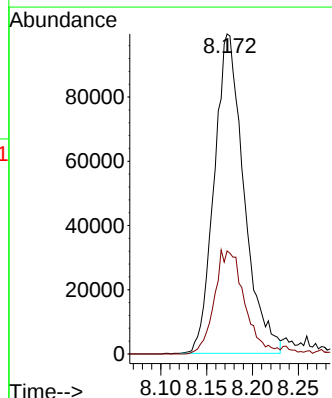
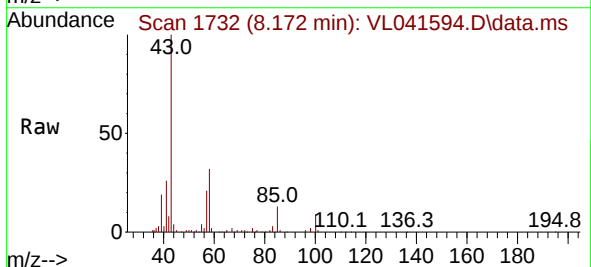
Acq: 16 Sep 2024 14:36

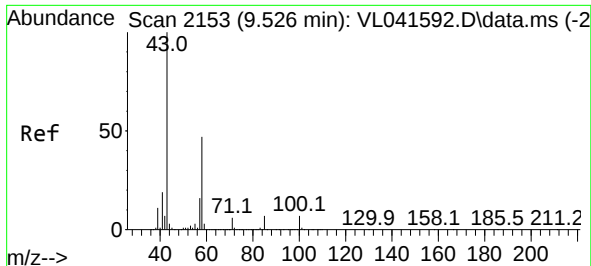
Tgt Ion: 43 Resp: 224369

Ion Ratio Lower Upper

43 100

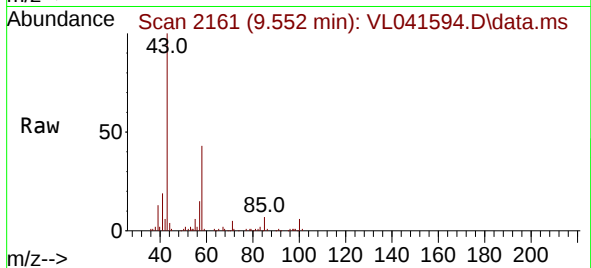
58 34.4 27.9 41.9





#51
2-Hexanone
Concen: 0.883 ppbv m
RT: 9.552 min Scan# 2153
Delta R.T. 0.026 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

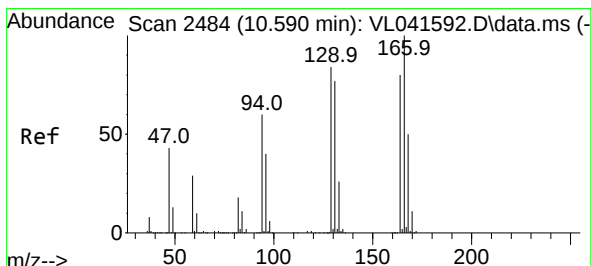
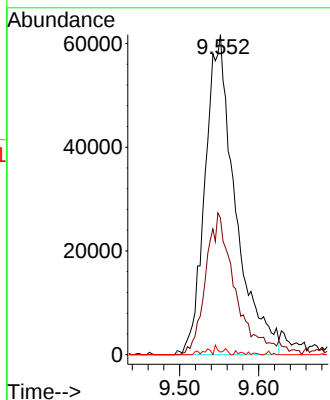
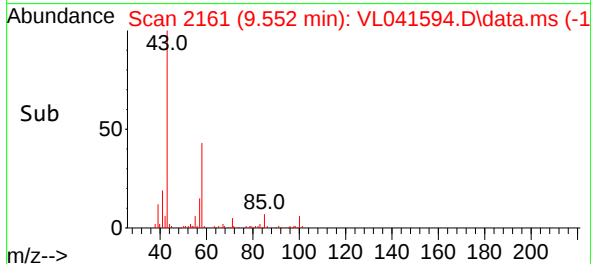
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 163970
Ion Ratio Lower Upper
43 100
58 0.0 37.3 55.9
98 0.5 0.5 0.7

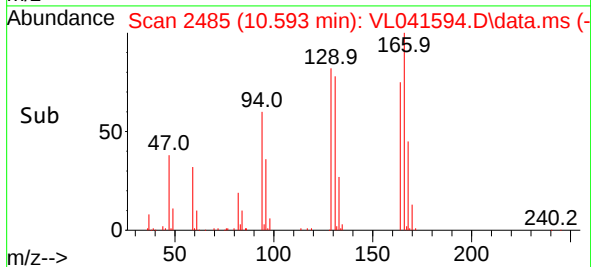
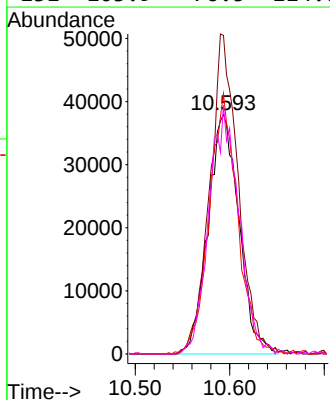
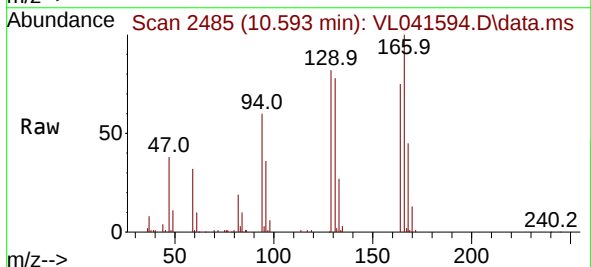
Manual Integrations
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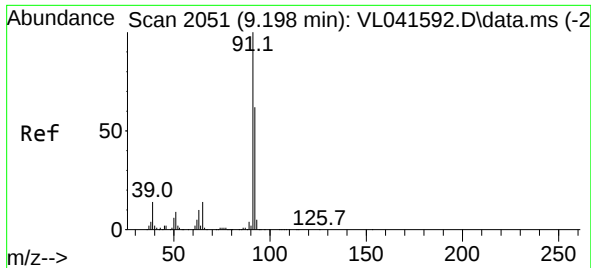
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#52
Tetrachloroethene
Concen: 0.951 ppbv
RT: 10.593 min Scan# 2485
Delta R.T. 0.003 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

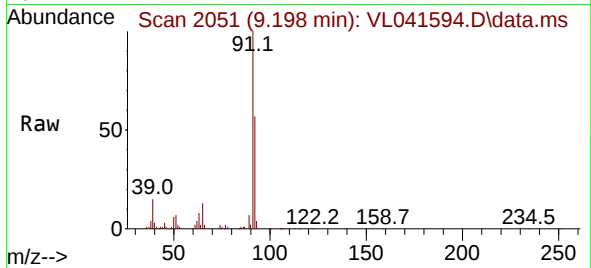
Tgt Ion:164 Resp: 86388
Ion Ratio Lower Upper
164 100
166 132.4 99.4 149.2
129 108.0 83.5 125.3
131 103.9 76.5 114.7





#53
Toluene
Concen: 0.864 ppbv
RT: 9.198 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

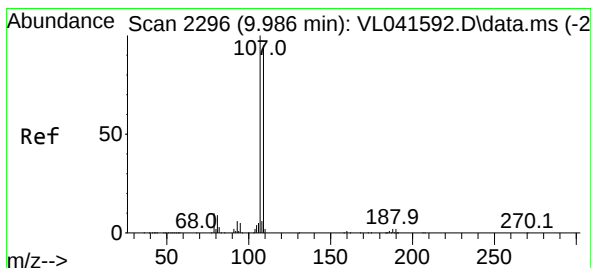
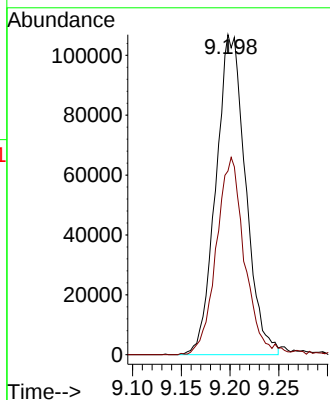
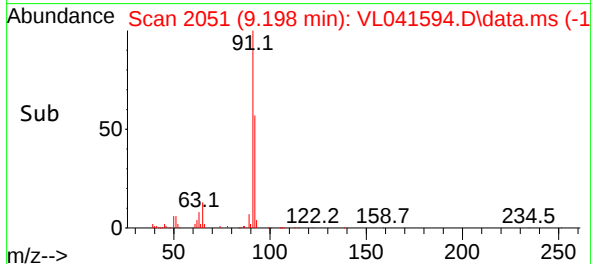
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



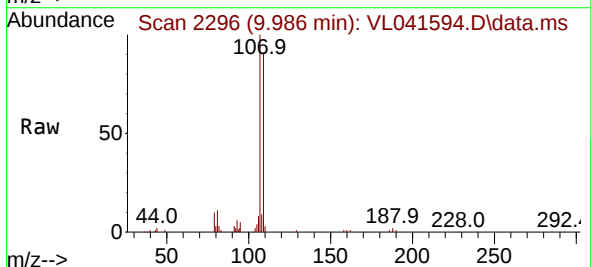
Tgt Ion: 91 Resp: 226360
Ion Ratio Lower Upper
91 100
92 60.1 48.9 73.3

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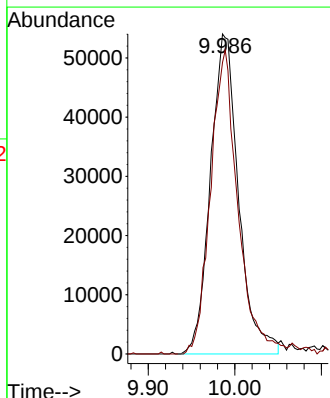
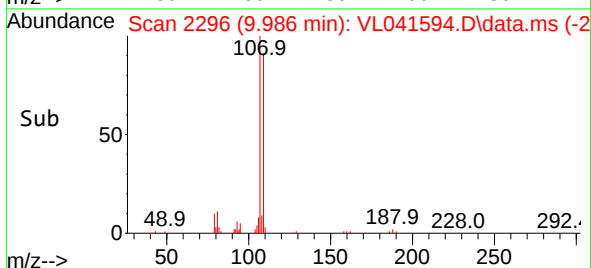
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

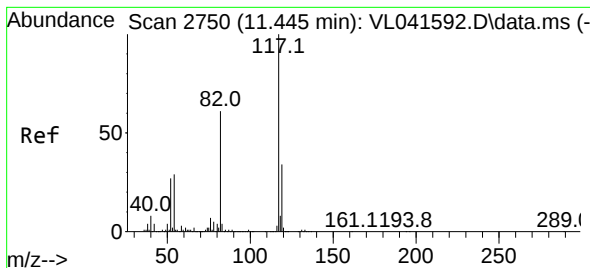


#54
1,2-Dibromoethane
Concen: 0.924 ppbv
RT: 9.986 min Scan# 2296
Delta R.T. 0.000 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36



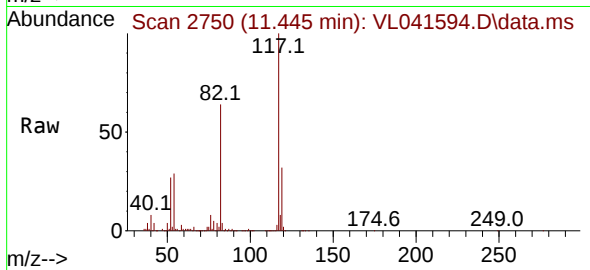
Tgt Ion:107 Resp: 121996
Ion Ratio Lower Upper
107 100
109 91.1 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.445 min Scan# 2750
Delta R.T. 0.000 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

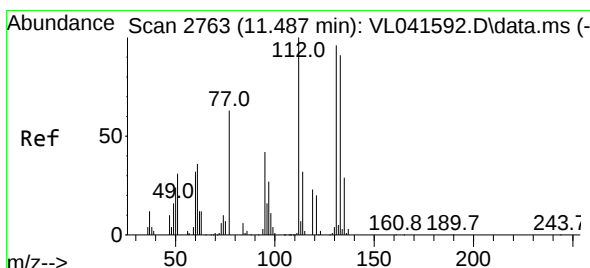
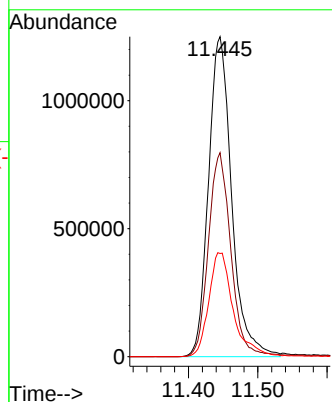
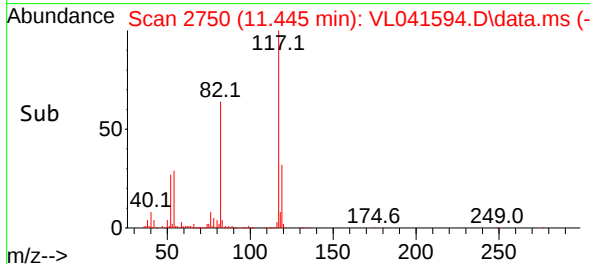
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



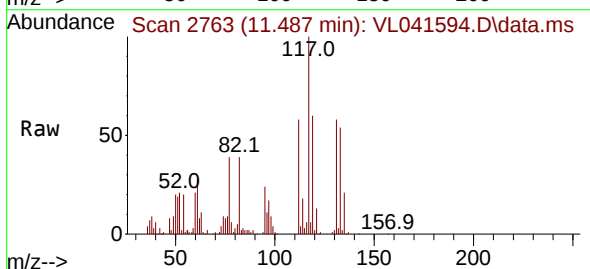
Tgt Ion:117 Resp: 290135
Ion Ratio Lower Upper
117 100
82 62.3 50.7 76.1
119 34.7 25.0 37.4

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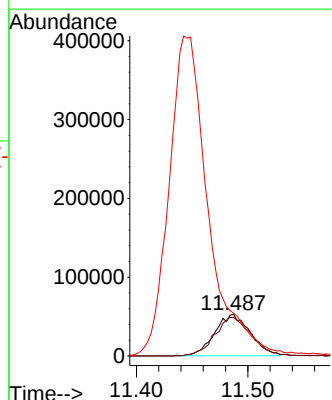
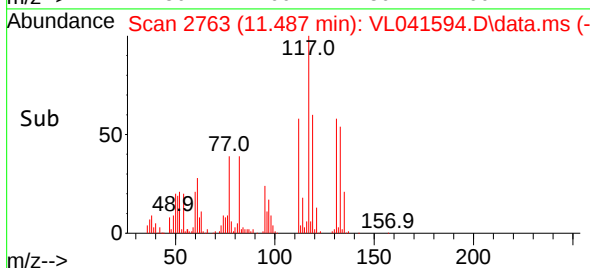
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

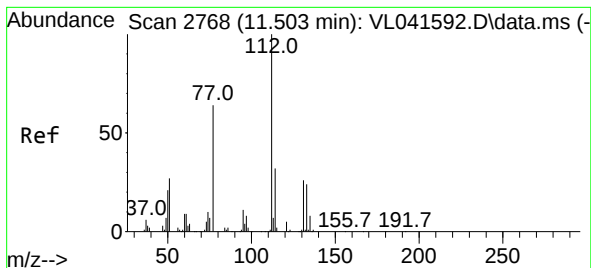


#56
1,1,1,2-Tetrachloroethane
Concen: 1.034 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36



Tgt Ion:131 Resp: 116306
Ion Ratio Lower Upper
131 100
133 96.5 76.6 114.8
119 863.7 44.5 66.7#





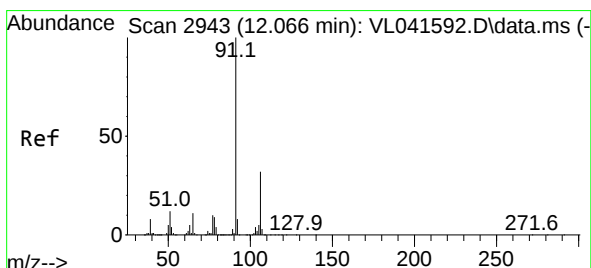
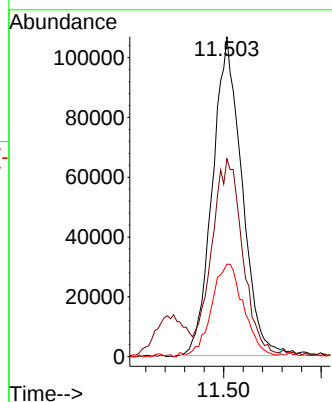
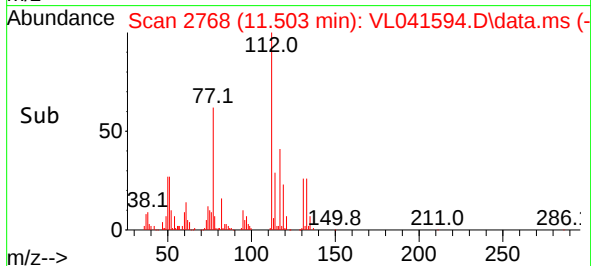
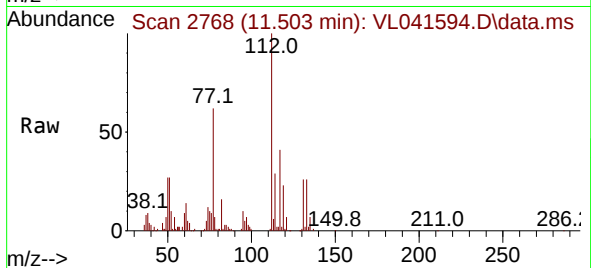
#57
Chlorobenzene
Concen: 1.077 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.000 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:112 Resp: 222410
Ion Ratio Lower Upper
112 100
77 60.6 52.0 78.0
114 28.1 28.6 35.0

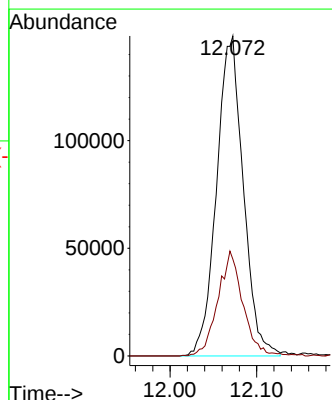
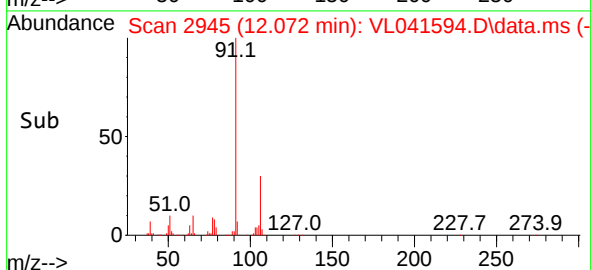
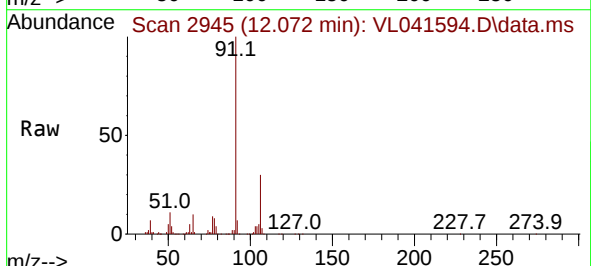
Manual Integrations
APPROVED

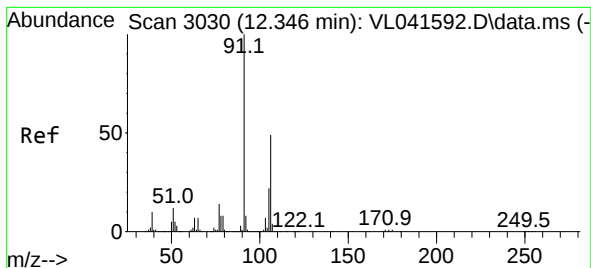
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#58
Ethyl Benzene
Concen: 0.951 ppbv
RT: 12.072 min Scan# 2945
Delta R.T. 0.006 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

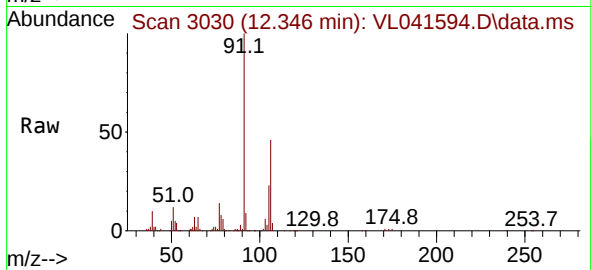
Tgt Ion: 91 Resp: 318095
Ion Ratio Lower Upper
91 100
106 30.2 25.8 38.6





#59
m/p-Xylene
Concen: 1.957 ppbv m
RT: 12.346 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

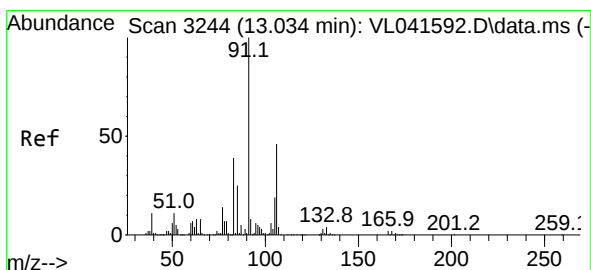
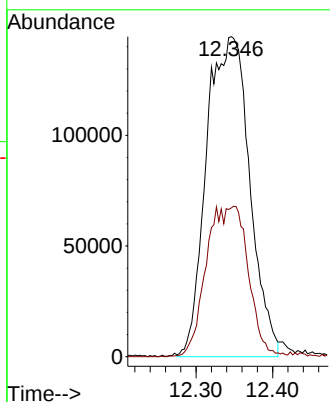
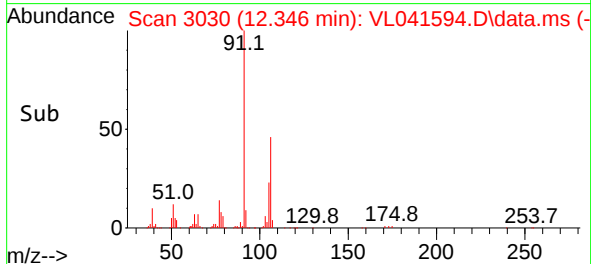
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



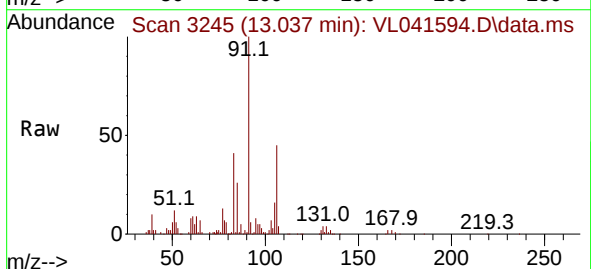
Tgt Ion: 91 Resp: 56489
Ion Ratio Lower Upper
91 100
106 46.2 36.6 55.0

Manual Integrations
APPROVED

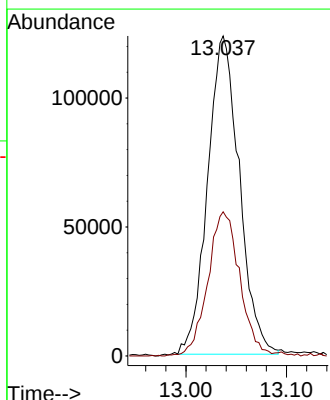
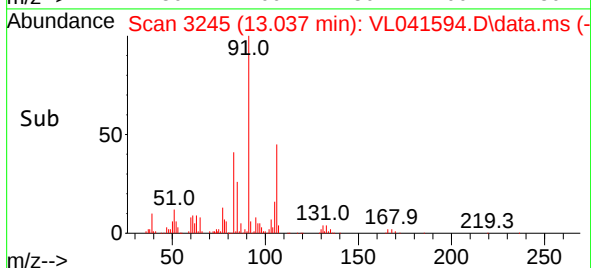
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

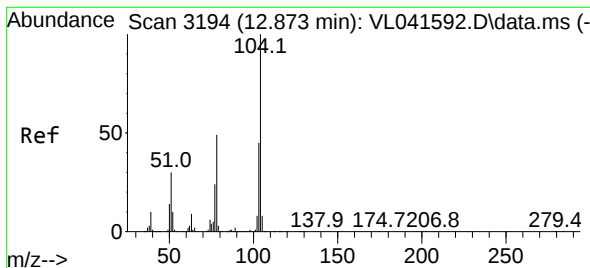


#60
o-Xylene
Concen: 0.989 ppbv
RT: 13.037 min Scan# 3245
Delta R.T. 0.003 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36



Tgt Ion: 91 Resp: 270052
Ion Ratio Lower Upper
91 100
106 46.2 23.0 69.0





#61

Styrene

Concen: 0.796 ppbv

RT: 12.879 min Scan# 3194

Delta R.T. 0.006 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

Instrument :

MSVOA_L

ClientSampleId :

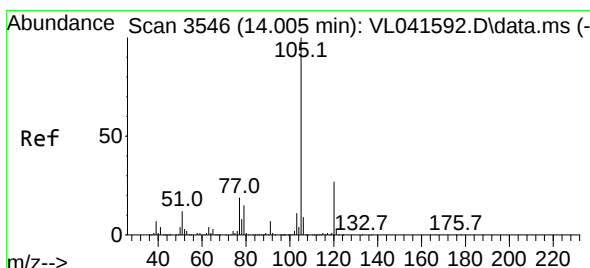
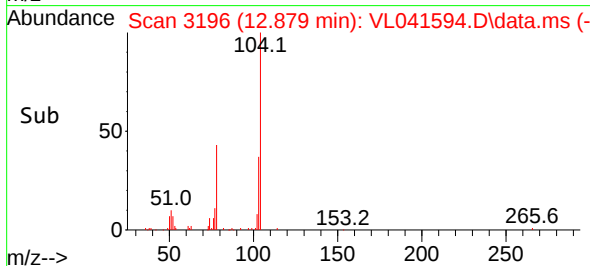
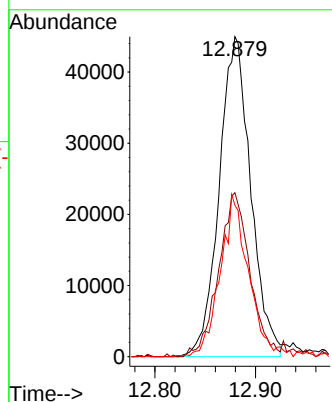
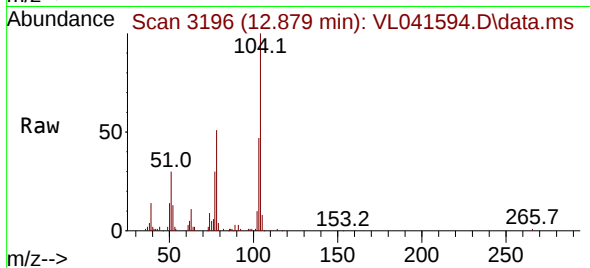
VSTDIC001

Tgt Ion:104	Resp:	9801
Ion Ratio	Lower	Upper
104	100	
78	53.2	39.8 59.6
103	46.3	37.4 56.0

Manual Integrations

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



#62

Isopropylbenzene

Concen: 1.021 ppbv

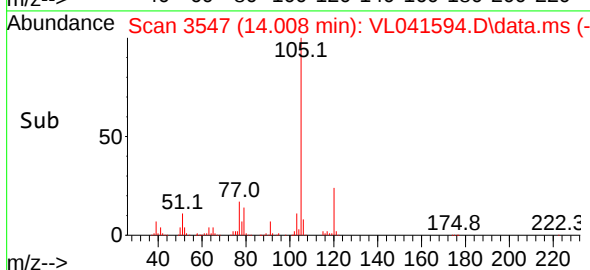
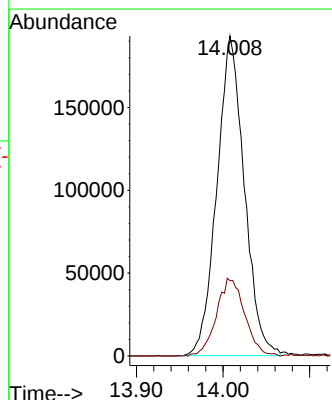
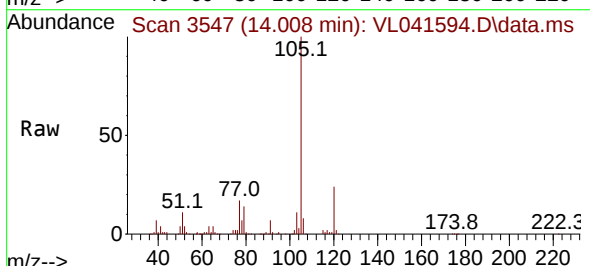
RT: 14.008 min Scan# 3547

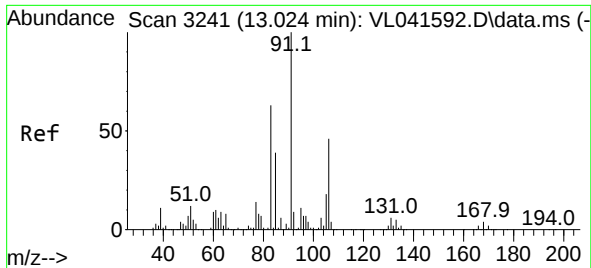
Delta R.T. 0.003 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

Tgt Ion:105	Resp:	423939
Ion Ratio	Lower	Upper
105	100	
120	25.2	20.9 31.3





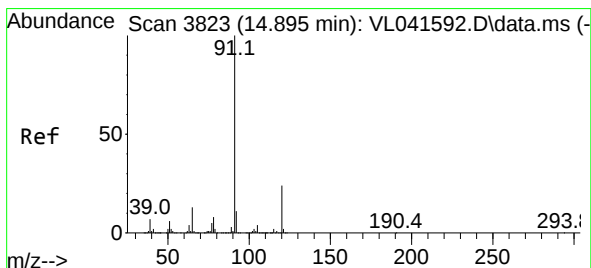
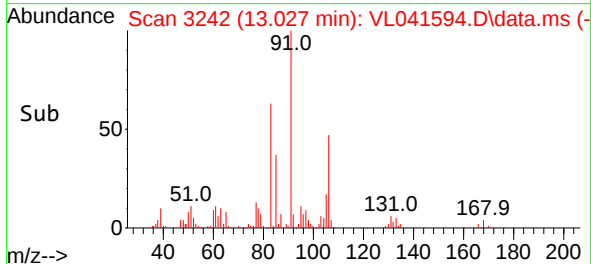
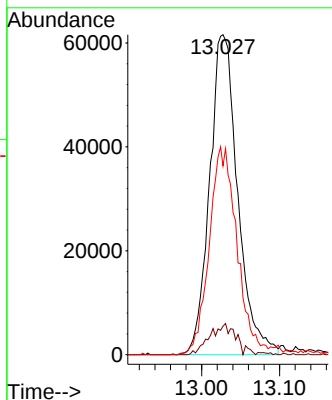
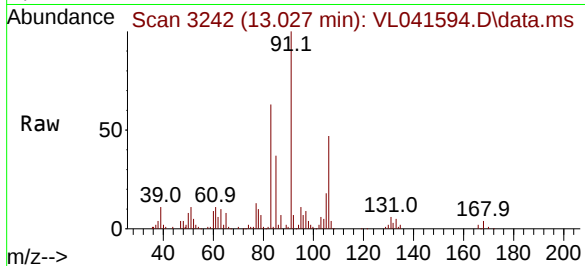
#63
1,1,2,2-Tetrachloroethane
Concen: 0.895 ppbv
RT: 13.027 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 15440
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 66.0 32.5 97.4

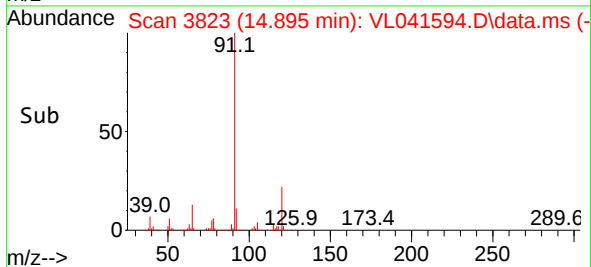
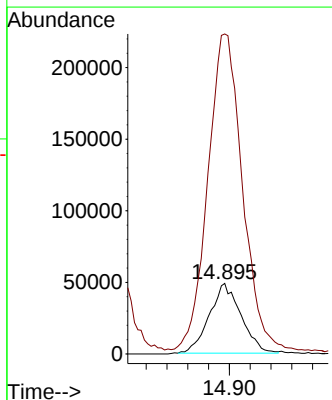
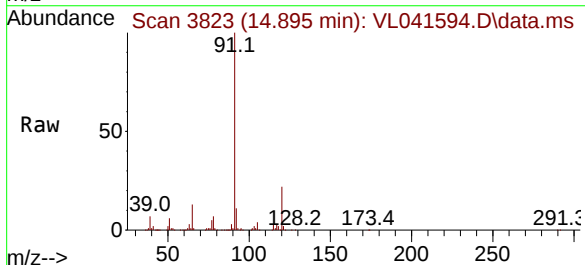
Manual Integrations
APPROVED

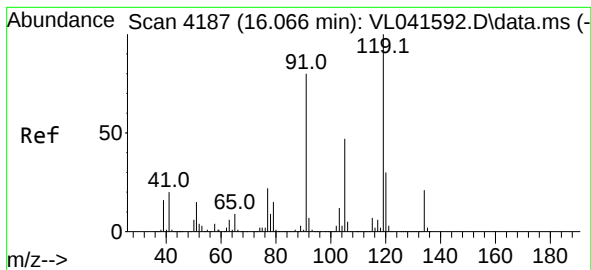
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#64
n-propylbenzene
Concen: 0.952 ppbv
RT: 14.895 min Scan# 3823
Delta R.T. 0.000 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

Tgt Ion:120 Resp: 103274
Ion Ratio Lower Upper
120 100
91 510.7 366.5 549.7





#65

tert-Butylbenzene

Concen: 1.036 ppbv

RT: 16.072 min Scan# 4187

Delta R.T. 0.006 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

Instrument :

MSVOA_L

ClientSampleId :

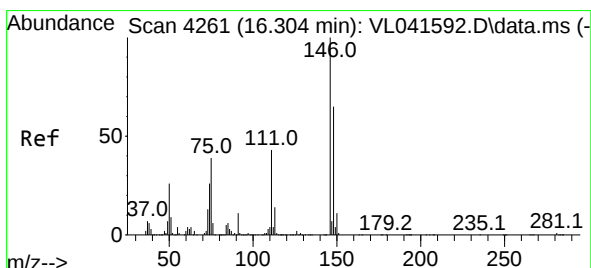
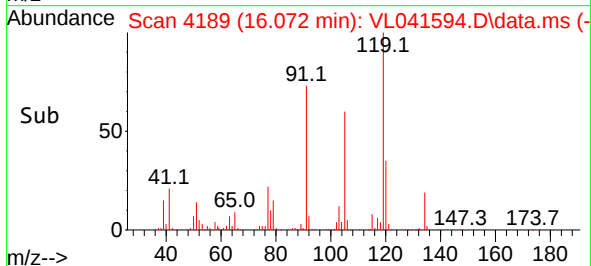
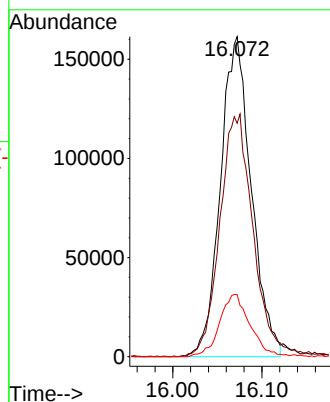
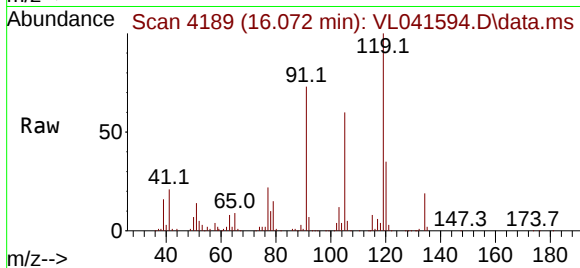
VSTDICC001

Tgt Ion:	119	Resp:	38833
Ion Ratio	Lower	Upper	
119	100		
91	82.7	64.6	97.0
134	19.5	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: 0.775 ppbv m

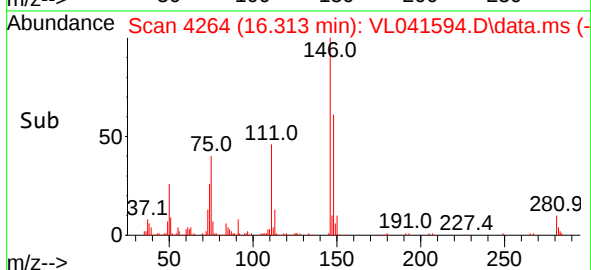
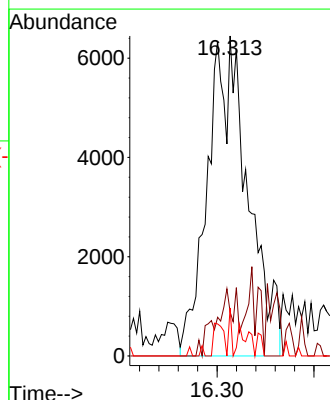
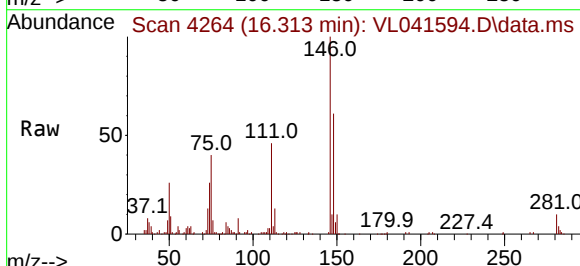
RT: 16.313 min Scan# 4264

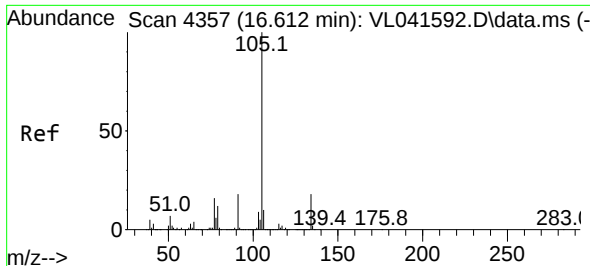
Delta R.T. 0.010 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

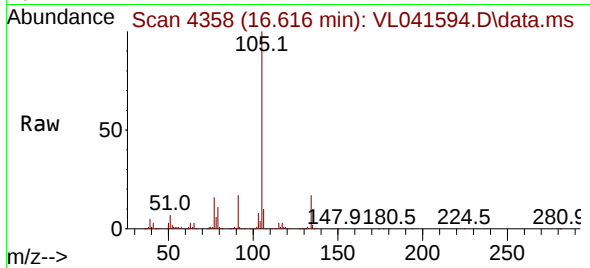
Tgt Ion:	91	Resp:	18633
Ion Ratio	Lower	Upper	
91	100		
126	0.0	15.4	23.0#
128	3.7	4.8	7.2#





#67
 sec-Butylbenzene
 Concen: 1.057 ppbv
 RT: 16.616 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041594.D
 Acq: 16 Sep 2024 14:36

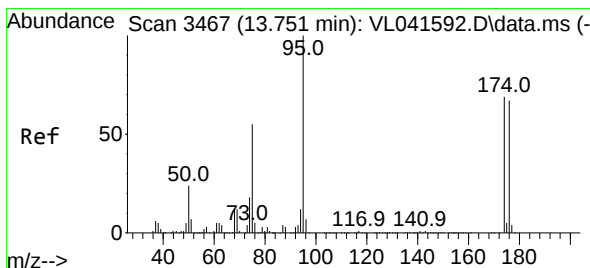
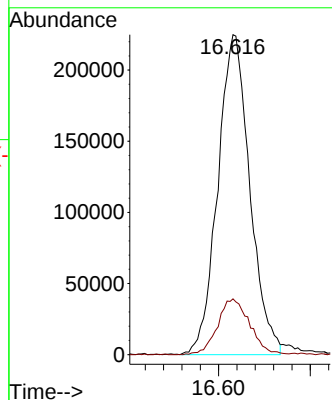
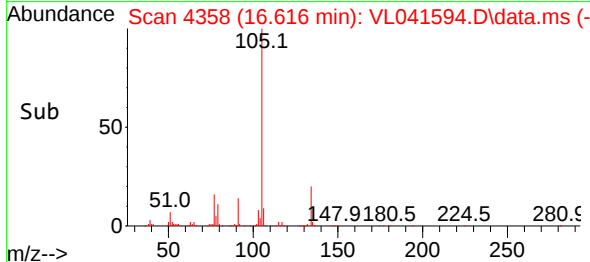
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 105 Resp: 546134
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.5 21.7

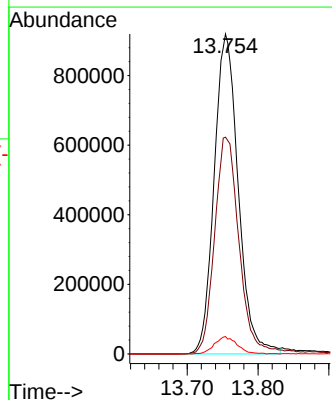
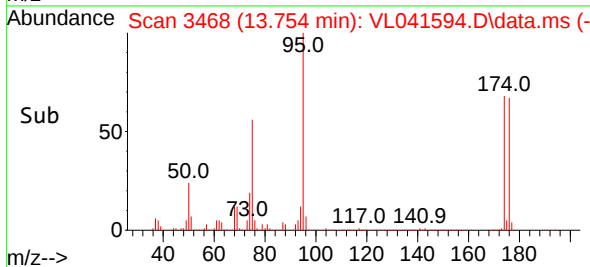
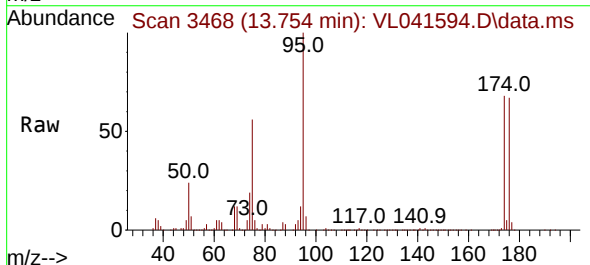
Manual Integrations
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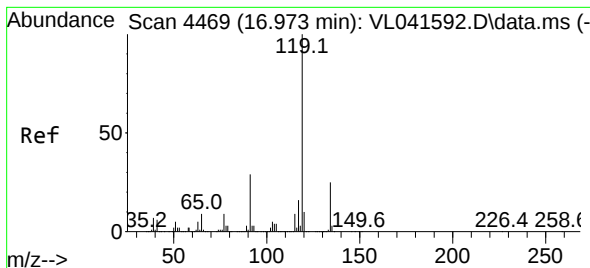
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.726 ppbv
 RT: 13.754 min Scan# 3468
 Delta R.T. 0.003 min
 Lab File: VL041594.D
 Acq: 16 Sep 2024 14:36

Tgt Ion: 95 Resp: 2171693
 Ion Ratio Lower Upper
 95 100
 174 70.3 55.8 83.8
 175 5.1 4.1 6.1





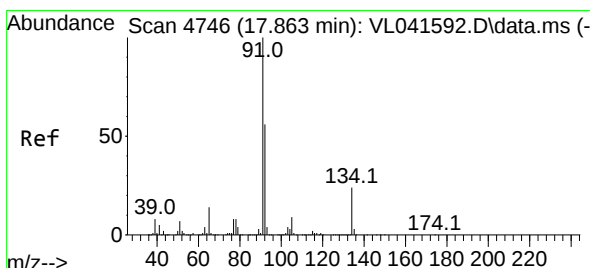
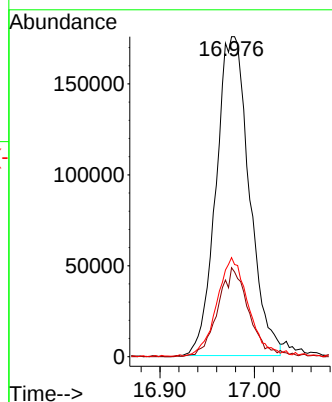
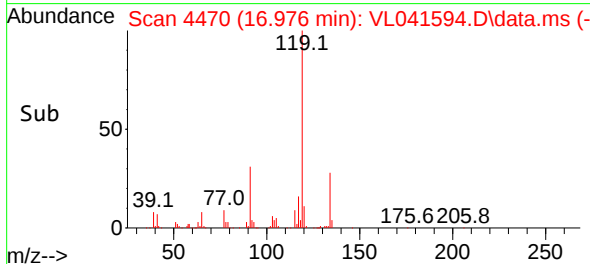
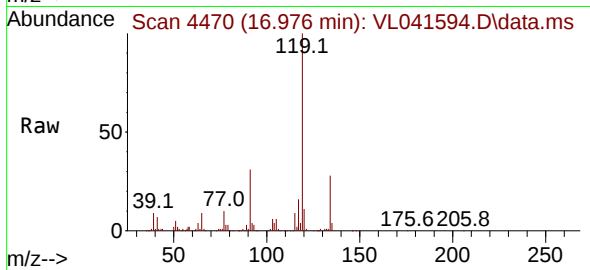
#69
p-Isopropyltoluene
Concen: 0.999 ppbv
RT: 16.976 min Scan# 4469
Delta R.T. 0.003 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 119 Resp: 428199
Ion Ratio Lower Upper
119 100
134 26.5 20.5 30.7
91 30.5 23.0 34.6

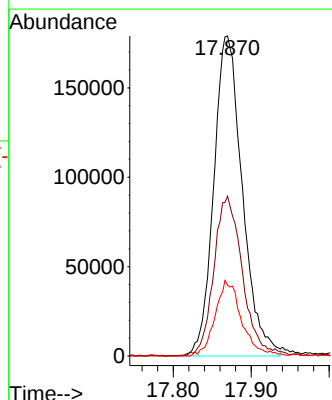
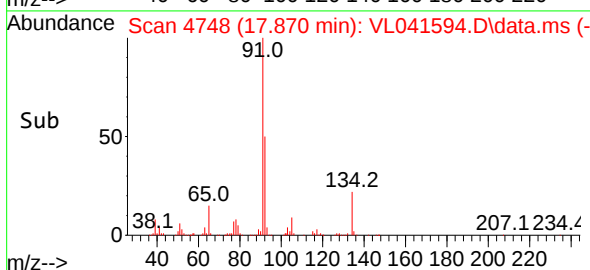
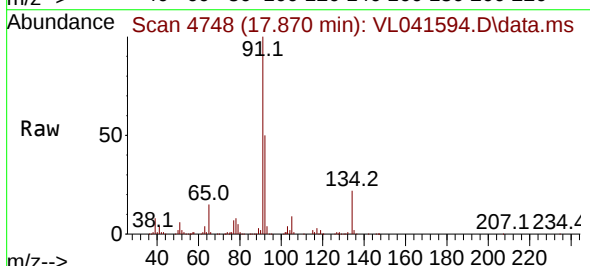
Manual Integrations
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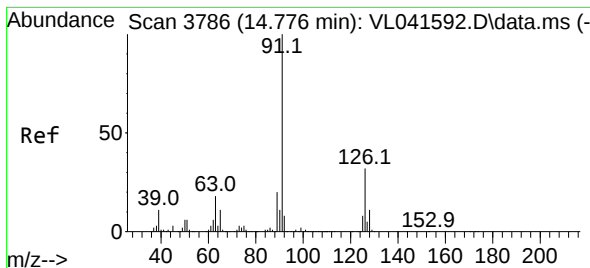
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#70
n-Butylbenzene
Concen: 1.038 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. 0.006 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

Tgt Ion: 91 Resp: 456221
Ion Ratio Lower Upper
91 100
92 50.4 43.0 64.6
134 22.0 18.6 27.8





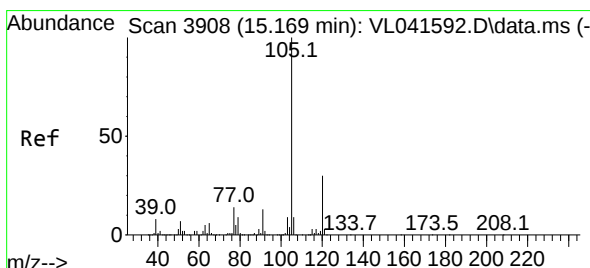
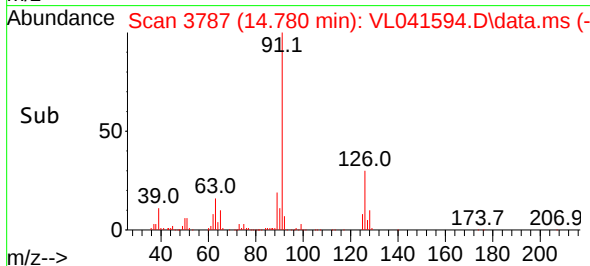
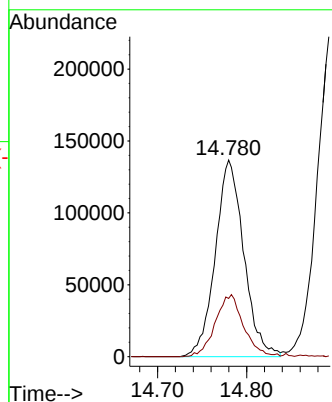
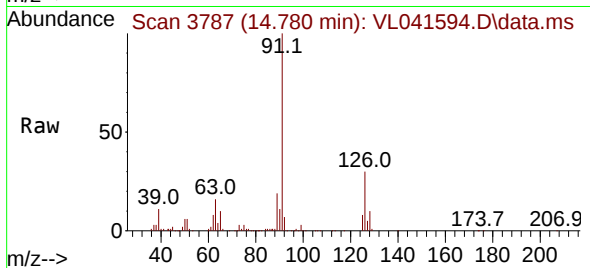
#71
2-Chlorotoluene
Concen: 0.992 ppbv
RT: 14.780 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 303828
Ion Ratio Lower Upper
91 100
126 32.0 12.8 51.0

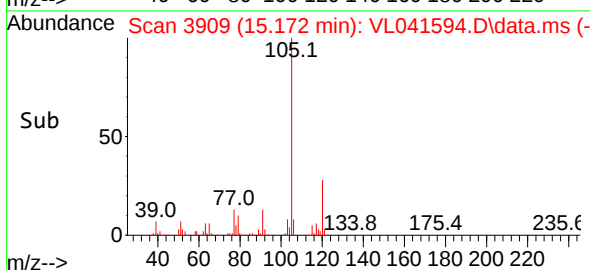
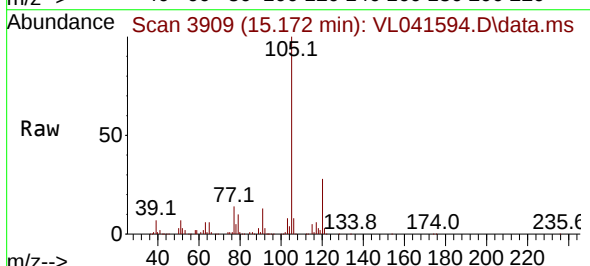
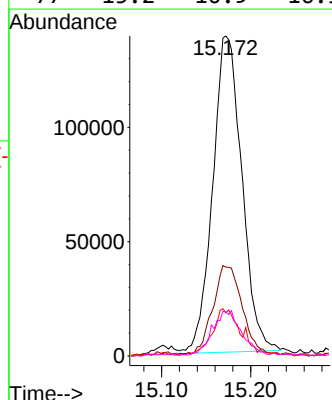
Manual Integrations
APPROVED

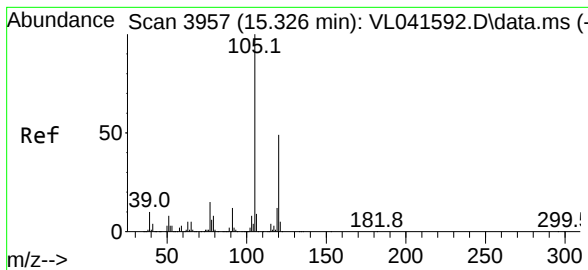
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#72
4-Ethyltoluene
Concen: 0.980 ppbv
RT: 15.172 min Scan# 3909
Delta R.T. 0.003 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

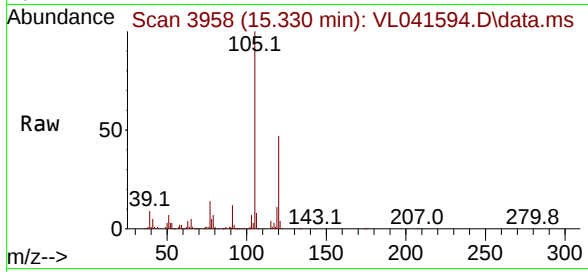
Tgt Ion:105 Resp: 315109
Ion Ratio Lower Upper
105 100
120 30.0 24.1 36.1
91 15.3 10.2 15.2#
77 15.2 10.9 16.3





#73
1,3,5-Trimethylbenzene
Concen: 1.022 ppbv
RT: 15.330 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

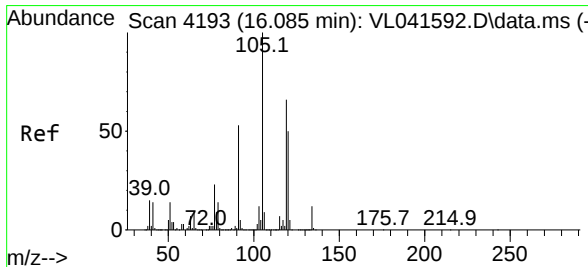
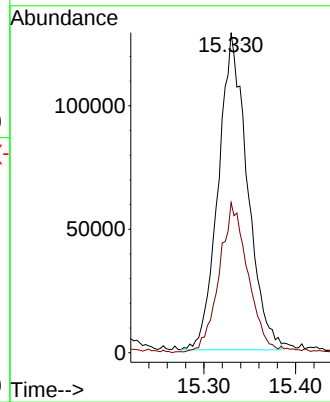
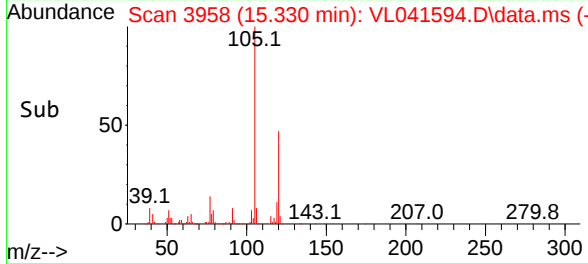
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:105 Resp: 282980
Ion Ratio Lower Upper
105 100
120 47.1 39.4 59.0

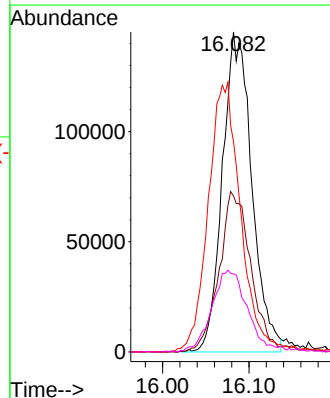
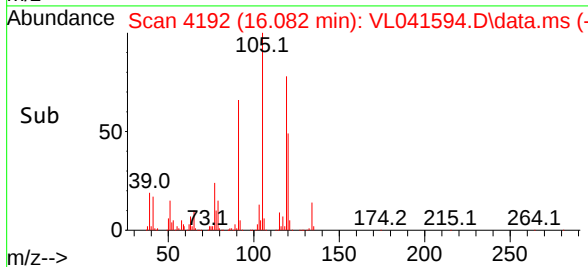
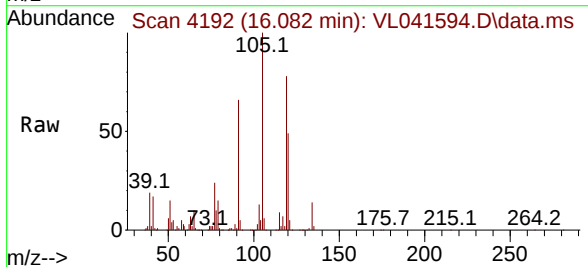
Manual Integrations
APPROVED

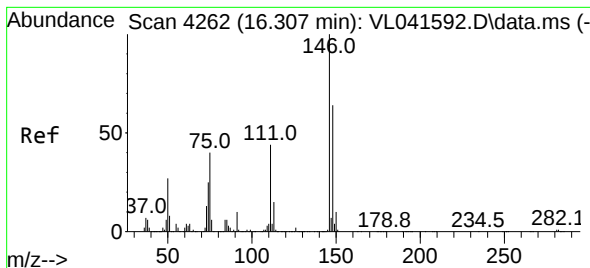
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#74
1,2,4-Trimethylbenzene
Concen: 1.064 ppbv m
RT: 16.082 min Scan# 4192
Delta R.T. -0.003 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

Tgt Ion:105 Resp: 342646
Ion Ratio Lower Upper
105 100
120 48.7 39.9 59.9
91 65.7 42.6 63.8#
77 24.4 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 1.021 ppbv

RT: 16.307 min Scan# 4262

Delta R.T. 0.000 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:146 Resp: 206679

Ion Ratio Lower Upper

146 100

111 47.7 22.3 66.9

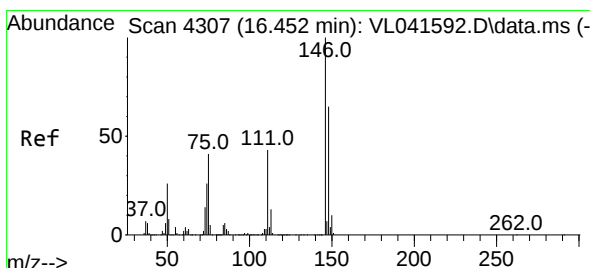
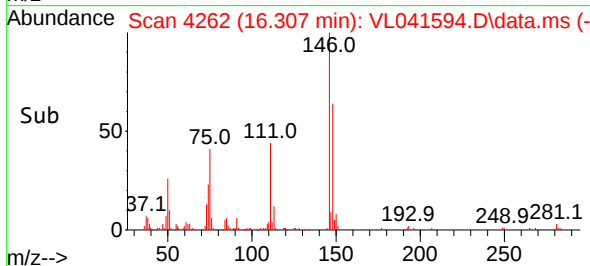
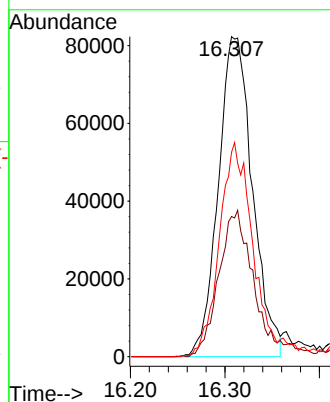
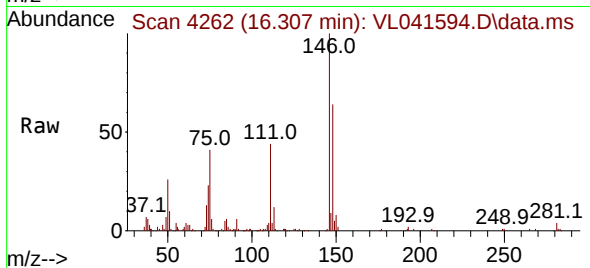
148 66.9 32.2 96.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#76

1,4-Dichlorobenzene

Concen: 1.047 ppbv

RT: 16.452 min Scan# 4307

Delta R.T. 0.000 min

Lab File: VL041594.D

Acq: 16 Sep 2024 14:36

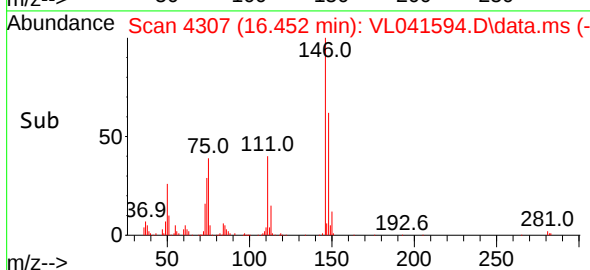
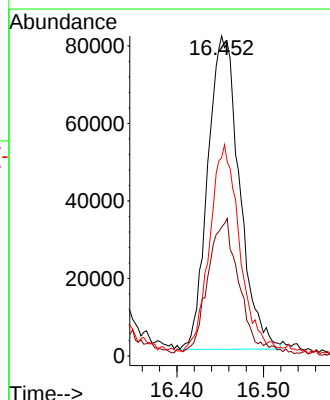
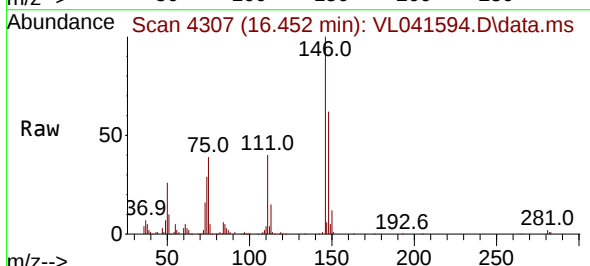
Tgt Ion:146 Resp: 205278

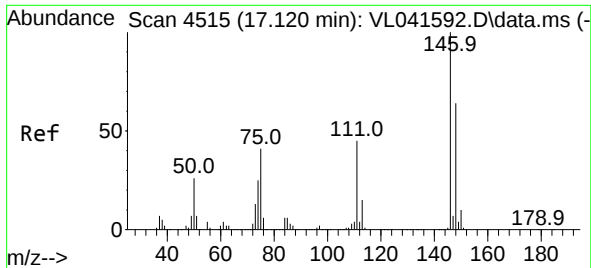
Ion Ratio Lower Upper

146 100

111 43.8 22.4 67.3

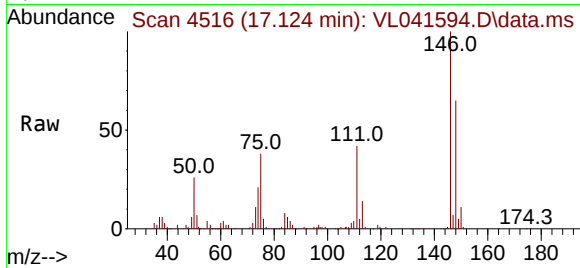
148 68.7 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 1.028 ppbv
RT: 17.124 min Scan# 4516
Delta R.T. 0.003 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

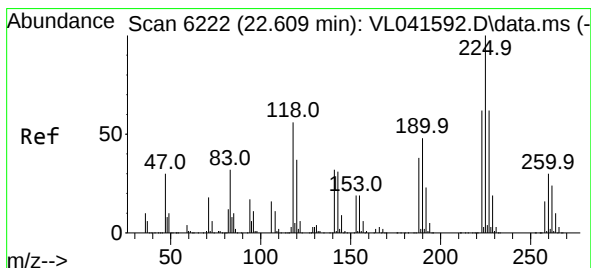
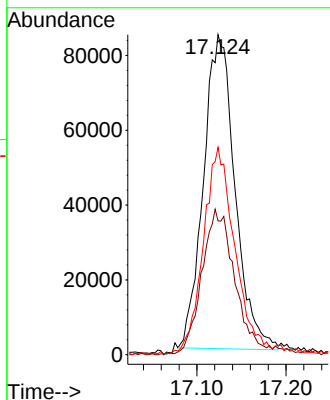
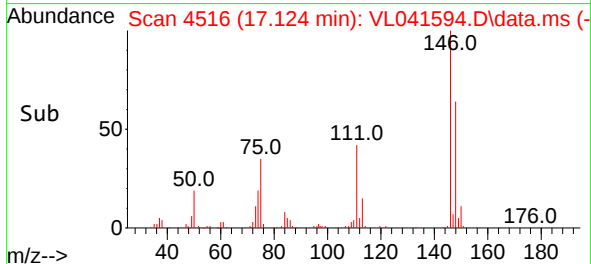
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



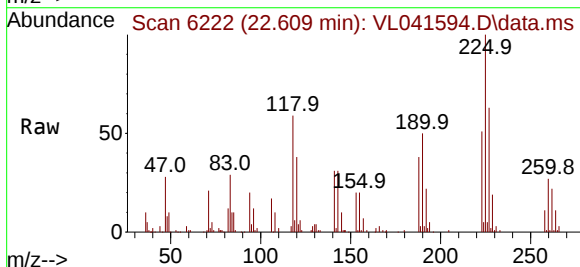
Tgt Ion:146 Resp: 20634
Ion Ratio Lower Upper
146 100
111 50.2 23.3 69.9
148 67.4 32.4 97.0

Manual Integrations
APPROVED

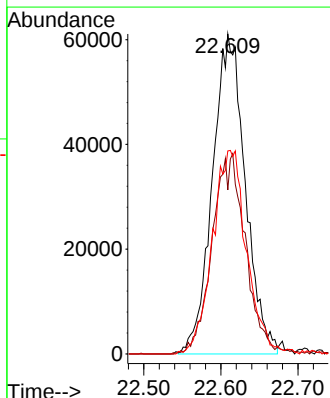
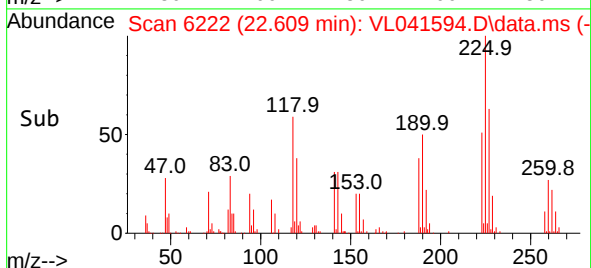
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

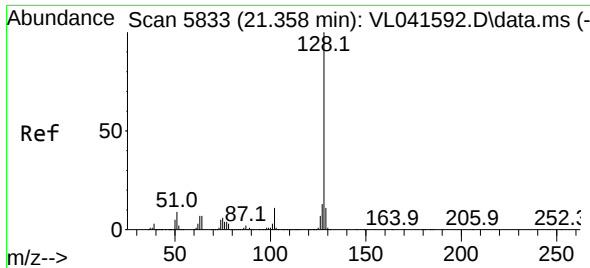


#78
Hexachloro-1,3-Butadiene
Concen: 1.053 ppbv m
RT: 22.609 min Scan# 6222
Delta R.T. 0.000 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36



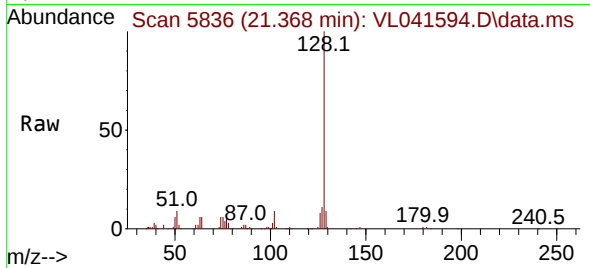
Tgt Ion:225 Resp: 180258
Ion Ratio Lower Upper
225 100
223 0.0 50.6 76.0#
227 66.4 50.8 76.2





#79
Naphthalene
Concen: 0.887 ppbv m
RT: 21.368 min Scan# 5836
Delta R.T. 0.010 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

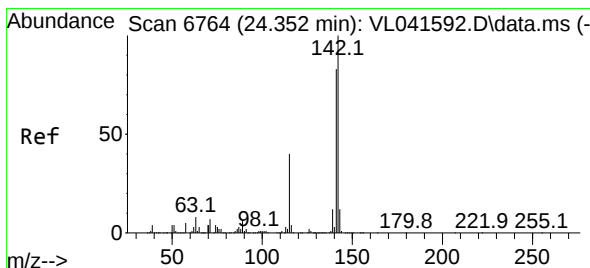
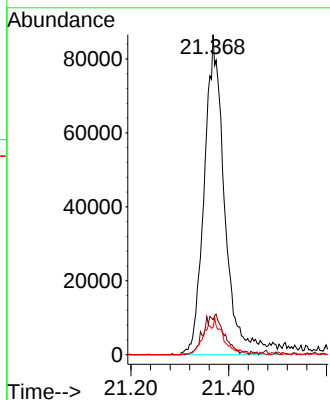
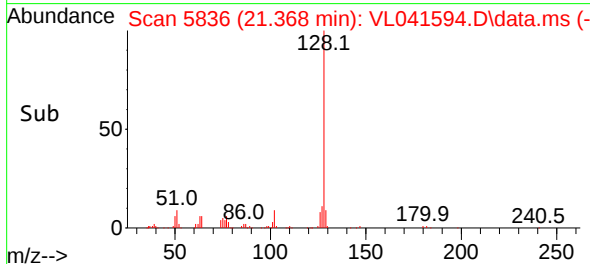
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



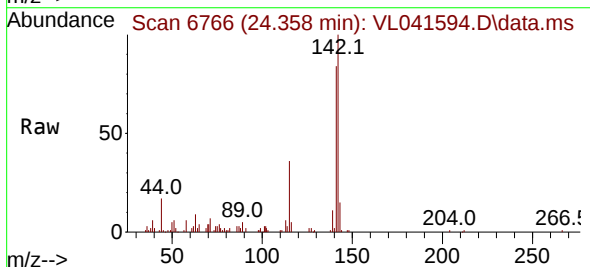
Tgt Ion:128 Resp: 252197
Ion Ratio Lower Upper
128 100
127 10.9 10.1 15.1
129 8.5 9.1 13.7

Manual Integrations
APPROVED

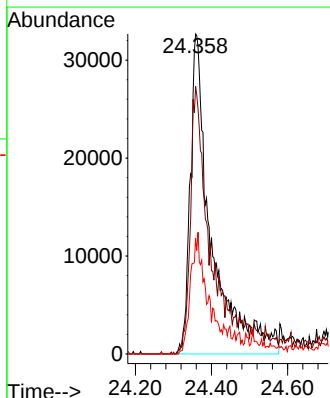
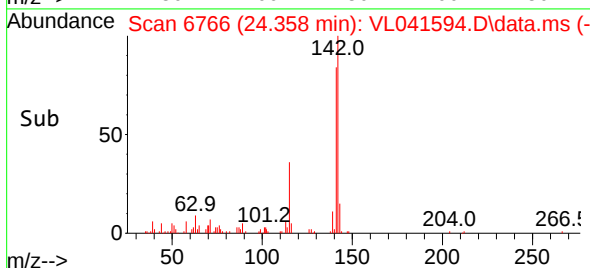
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

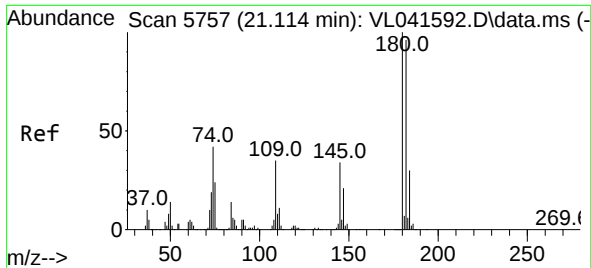


#80
Naphthalene,2-methyl-
Concen: 0.530 ppbv m
RT: 24.358 min Scan# 6766
Delta R.T. 0.006 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36



Tgt Ion:142 Resp: 126259
Ion Ratio Lower Upper
142 100
141 79.1 67.2 100.8
115 32.1 31.8 47.6





#81
1,2,4-Trichlorobenzene
Concen: 0.863 ppbv
RT: 21.124 min Scan# 51
Delta R.T. 0.010 min
Lab File: VL041594.D
Acq: 16 Sep 2024 14:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:180 Resp: 145940
Ion Ratio Lower Upper
180 100
182 100.8 77.8 116.6
184 32.2 24.7 37.1

Manual Integrations
APPROVED

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

