

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080824\
 Data File : VL041503.D
 Acq On : 8 Aug 2024 8:10
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/09/2024
 Supervised By : Mahesh Dadoda 08/09/2024

Quant Time: Aug 09 05:39:51 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 9 2024

QLast Update : Tue Aug 06 01:32:58 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	994274	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.642	114	2716113	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2735202	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 2064714 9.809 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.710	85	1205570	7.048	ppbv	100
3) Chlorodifluoromethane	2.655	51	1218812	10.297	ppbv	99
4) Chloromethane	2.793	50	654494	10.396	ppbv	98
5) Vinyl Chloride	2.903	62	657002	10.588	ppbv	100
6) Bromomethane	3.102	94	347002	10.880	ppbv	97
7) Chloroethane	3.179	64	222634	10.396	ppbv	98
8) Dichlorotetrafluoroethane	2.838	85	1535212	10.129	ppbv	99
9) Propene	2.674	41	552374	10.159	ppbv	99
10) Heptane	7.568	43	1367534	11.194	ppbv	100
11) Trichlorofluoromethane	3.546	101	1537424	10.121	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.050	101	1117174	10.213	ppbv	99
13) Ethanol	3.227	45	43164m	8.882	ppbv	
14) Bromoethene	3.349	108	448512	10.517	ppbv	99
15) Acetone	3.449	43	1157230	10.244	ppbv	100
16) 1,3-Butadiene	2.967	39	648992	10.753	ppbv	99
17) tert-Butyl alcohol	3.861	59	1149112	11.153	ppbv	99
18) 1,1-Dichloroethene	3.864	96	510290	10.906	ppbv	100
19) Isopropyl Alcohol	3.555	45	702963	10.644	ppbv #	97
20) Methylene Chloride	3.915	84	421098	9.996	ppbv	96
21) Allyl Chloride	3.980	41	810028	10.933	ppbv	99
22) trans-1,2-Dichloroethene	4.430	96	501480	10.719	ppbv	98
23) Vinyl Acetate	4.613	43	1027820	11.913	ppbv #	99
24) 1,1-Dichloroethane	4.549	63	1071411	10.547	ppbv	100
25) Ethyl Acetate	5.189	43	2422469	10.794	ppbv	100
26) Hexane	5.198	57	1003885	10.783	ppbv	99
27) Carbon Disulfide	4.108	76	1219858	11.200	ppbv	99
28) Methyl tert-Butyl Ether	4.568	73	624314	10.633	ppbv	100
29) Chloroform	5.259	83	1584043	10.431	ppbv	96
30) Cyclohexane	6.590	84	860023	11.344	ppbv	100
31) cis-1,2-Dichloroethene	5.063	61	991208	10.777	ppbv	97
32) 1,1,1-Trichloroethane	5.992	97	1561971	10.567	ppbv	99
34) 2-Butanone	4.771	43	1433865	10.913	ppbv	99
35) Carbon Tetrachloride	6.478	117	1642158	10.962	ppbv	99
36) Benzene	6.359	78	2160436	10.886	ppbv	99
37) 1,2-Dichloroethane	5.793	62	1212174	10.913	ppbv	100
38) Trichloroethene	7.282	130	973395	10.706	ppbv	98
39) 1,2-Dichloropropane	7.063	63	831710	10.946	ppbv	97
40) 1,4-Dioxane	7.272	88	351210	11.506	ppbv	96
41) Tetrahydrofuran	5.542	42	882484	11.744	ppbv	98
42) Bromodichloromethane	7.240	83	1760010	10.973	ppbv	99
43) Methyl Methacrylate	7.462	69	859947	12.083	ppbv	97
44) 2,2,4-Trimethylpentane	7.317	57	3637662	10.974	ppbv	100
45) t-1,3-Dichloropropene	8.700	75	870364	13.287	ppbv	96

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 Supervised By : Mahesh Dadoda 08/09/2024

Quant Time: Aug 09 05:39:51 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

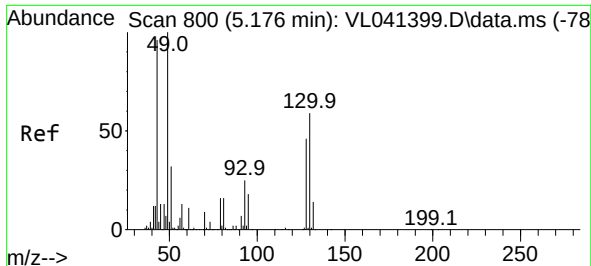
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 9 18:23:48 2024

QLast Update : Tue Aug 06 01:32:58 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	1170745	12.377	ppbv	97
47) 1,1,2-Trichloroethane	8.893	97	906083	10.818	ppbv	97
48) Dibromochloromethane	9.703	129	1512424	11.209	ppbv	99
49) Bromoform	12.397	173	1335513	11.718	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2427866	11.712	ppbv	100
51) 2-Hexanone	9.536	43	1971025	12.575	ppbv #	99
52) Tetrachloroethene	10.610	164	829107	10.812	ppbv	97
53) Toluene	9.211	91	2538680	11.484	ppbv	100
54) 1,2-Dibromoethane	9.999	107	1309379	11.745	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.500	131	1094554	10.319	ppbv #	57
57) Chlorobenzene	11.516	112	1979363	10.164	ppbv	98
58) Ethyl Benzene	12.079	91	3440262	10.912	ppbv	98
59) m/p-Xylene	12.362	91	5837461m	21.449	ppbv	
60) o-Xylene	13.050	91	2788147	10.830	ppbv	100
61) Styrene	12.889	104	1365378	11.756	ppbv	99
62) Isopropylbenzene	14.018	105	4085330	10.439	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	1720583	10.584	ppbv	100
64) n-propylbenzene	14.908	120	1093524	10.687	ppbv	95
65) tert-Butylbenzene	16.079	119	3674350	10.394	ppbv	100
66) Benzyl Chloride	16.320	91	282565	12.462	ppbv	100
67) sec-Butylbenzene	16.625	105	5141403	10.556	ppbv	100
69) p-Isopropyltoluene	16.986	119	4317703	10.683	ppbv	100
70) n-Butylbenzene	17.873	91	4449977	10.740	ppbv	100
71) 2-Chlorotoluene	14.790	91	3074343	10.652	ppbv	99
72) 4-Ethyltoluene	15.185	105	3346091	11.040	ppbv	100
73) 1,3,5-Trimethylbenzene	15.339	105	2877672	11.021	ppbv	99
74) 1,2,4-Trimethylbenzene	16.098	105	3193140	10.519	ppbv	100
75) 1,3-Dichlorobenzene	16.317	146	1998644	10.474	ppbv	100
76) 1,4-Dichlorobenzene	16.465	146	1949765	10.552	ppbv	100
77) 1,2-Dichlorobenzene	17.130	146	1933641	10.222	ppbv	99
78) Hexachloro-1,3-Butadiene	22.619	225	1474762	9.142	ppbv	100
79) Naphthalene	21.371	128	3286851	12.267	ppbv	100
80) Naphthalene,2-methyl-	24.361	142	2805169	12.490	ppbv	96
81) 1,2,4-Trichlorobenzene	21.127	180	1726526	10.828	ppbv	100

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



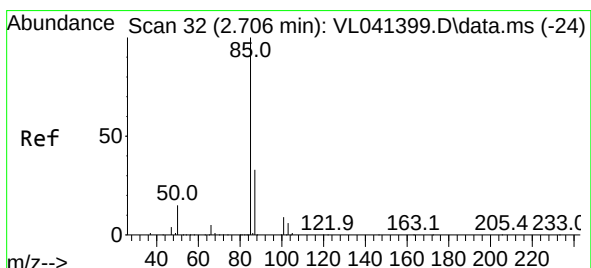
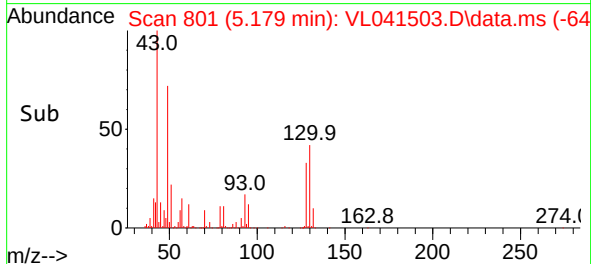
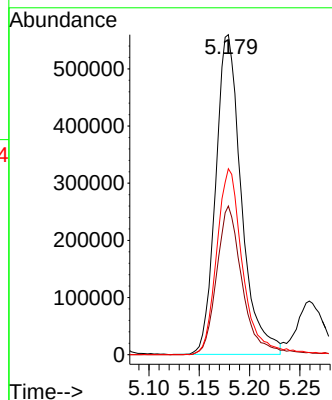
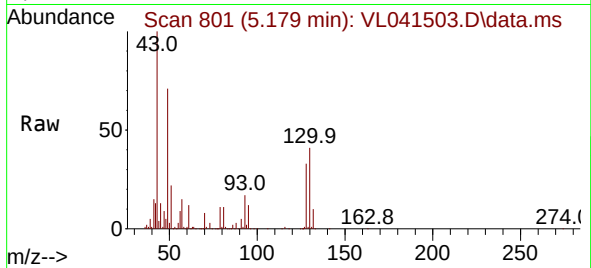
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 994274
Ion Ratio Lower Upper
49 100
128 46.9 23.8 71.4
130 60.0 30.8 92.4

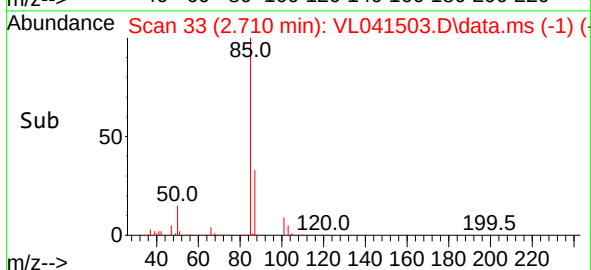
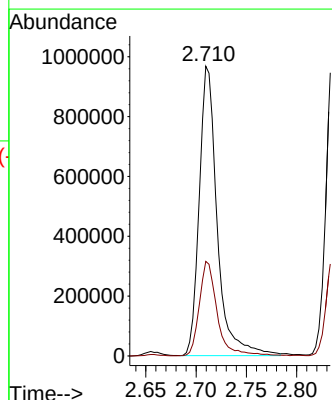
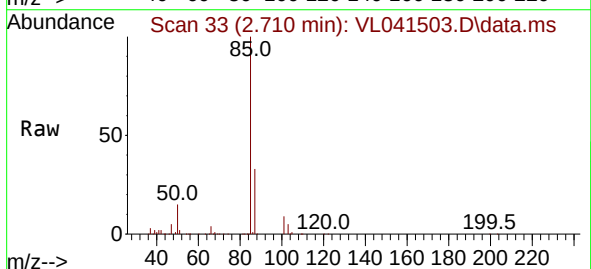
Manual Integrations
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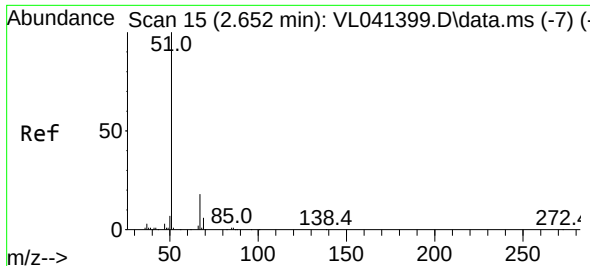
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#2
Dichlorodifluoromethane
Concen: 7.048 ppbv
RT: 2.710 min Scan# 33
Delta R.T. -0.022 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

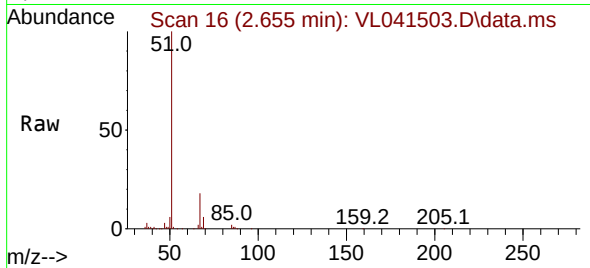
Tgt Ion: 85 Resp: 1205570
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0





#3
Chlorodifluoromethane
Concen: 10.297 ppbv
RT: 2.655 min Scan# 1
Delta R.T. -0.022 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

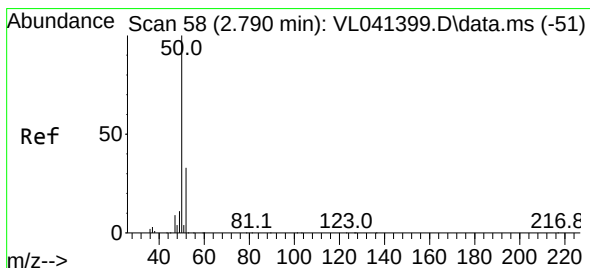
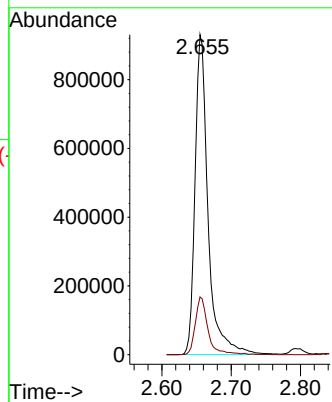
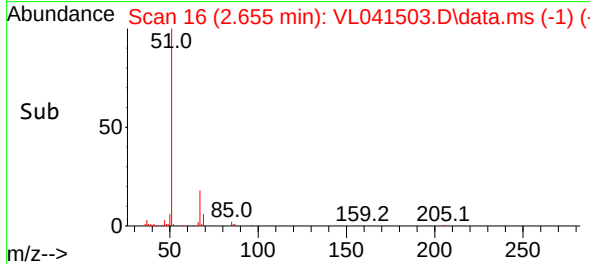
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 121881
Ion Ratio Lower Upper
51 100
67 17.7 14.5 21.7

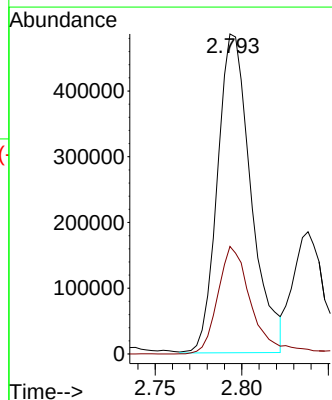
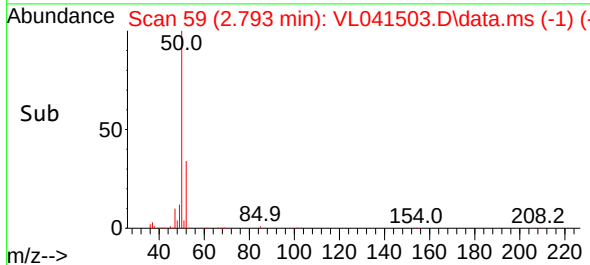
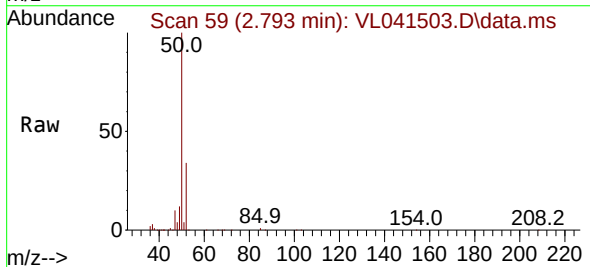
Manual Integrations
APPROVED

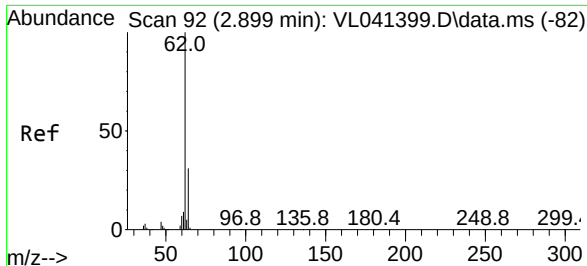
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#4
Chloromethane
Concen: 10.396 ppbv
RT: 2.793 min Scan# 59
Delta R.T. -0.022 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

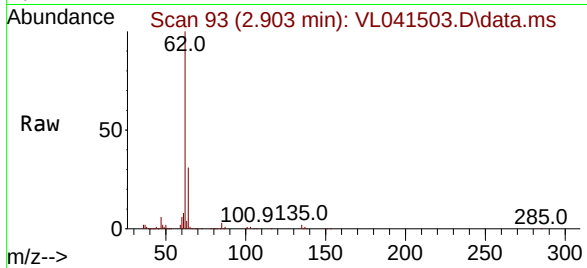
Tgt Ion: 50 Resp: 654494
Ion Ratio Lower Upper
50 100
52 33.8 26.1 39.1





#5
 Vinyl Chloride
 Concen: 10.588 ppbv
 RT: 2.903 min Scan# 91
 Delta R.T. -0.019 min
 Lab File: VL041503.D
 Acq: 8 Aug 2024 8:10

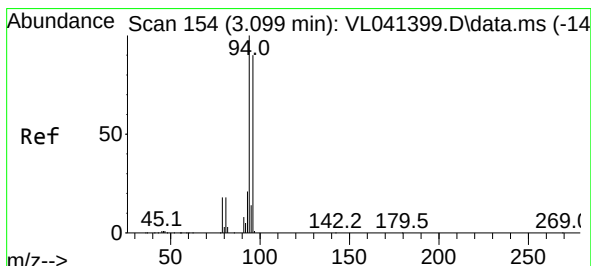
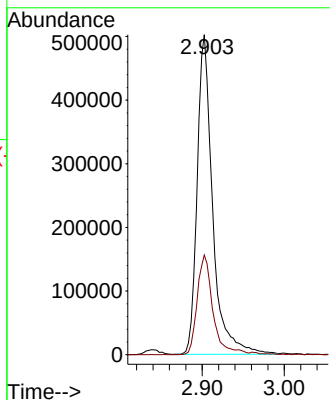
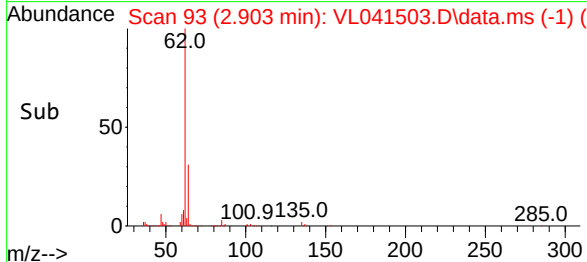
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



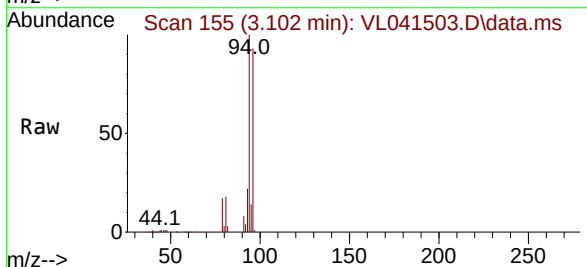
Tgt Ion: 62 Resp: 657002
 Ion Ratio Lower Upper
 62 100
 64 31.2 25.0 37.4

Manual Integrations
 APPROVED

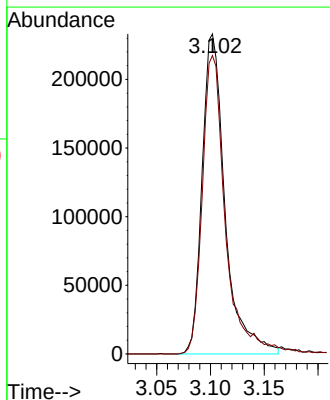
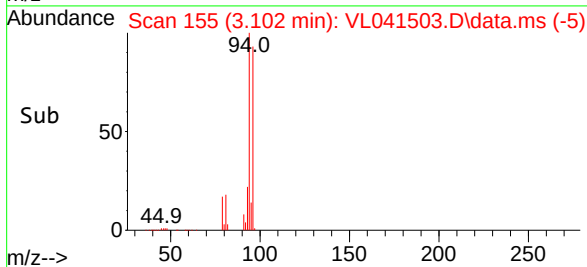
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

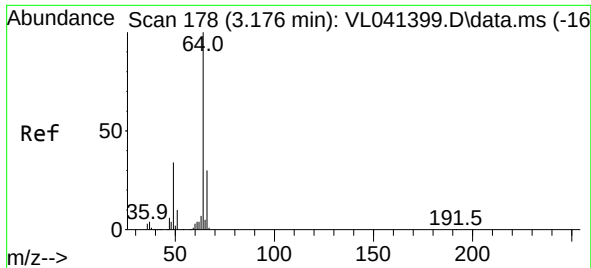


#6
 Bromomethane
 Concen: 10.880 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. -0.019 min
 Lab File: VL041503.D
 Acq: 8 Aug 2024 8:10



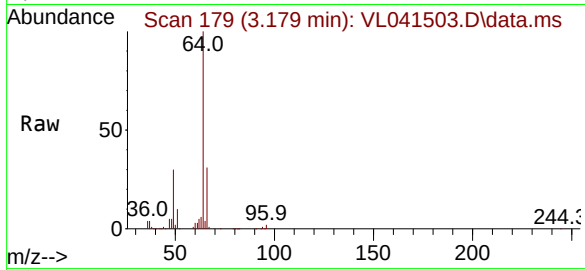
Tgt Ion: 94 Resp: 347002
 Ion Ratio Lower Upper
 94 100
 96 93.2 72.3 108.5





#7
Chloroethane
Concen: 10.396 ppbv
RT: 3.179 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

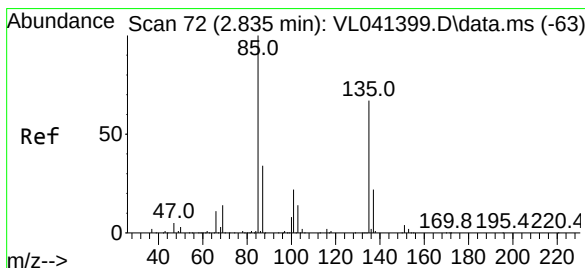
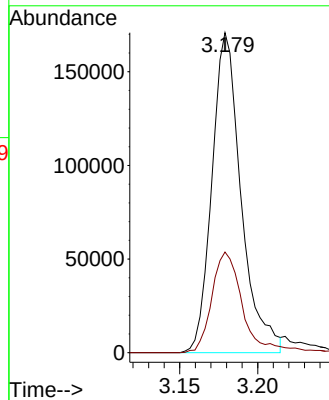
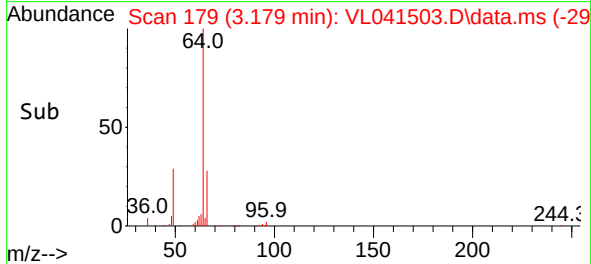
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 222634
Ion Ratio Lower Upper
64 100
66 31.4 24.2 36.2

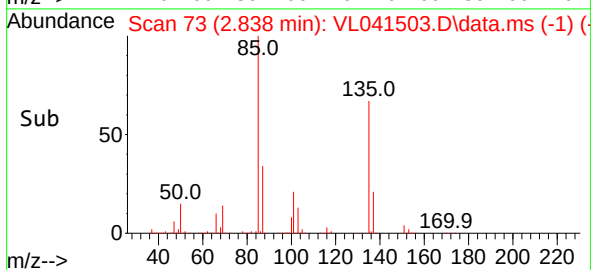
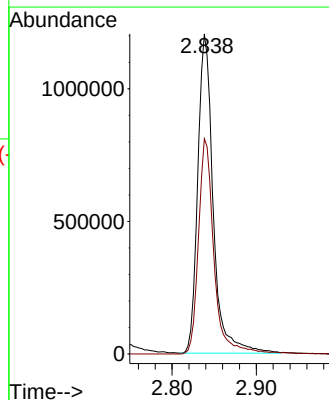
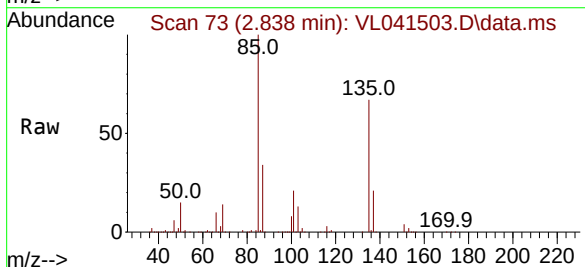
Manual Integrations
APPROVED

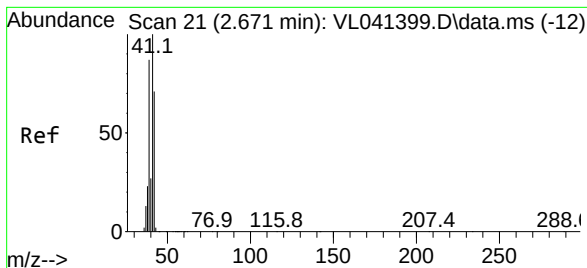
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#8
Dichlorotetrafluoroethane
Concen: 10.129 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.022 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Tgt Ion: 85 Resp: 1535212
Ion Ratio Lower Upper
85 100
135 68.2 55.4 83.0





#9

Propene

Concen: 10.159 ppbv

RT: 2.674 min Scan# 21

Delta R.T. -0.022 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 552374

Ion Ratio Lower Upper

41 100

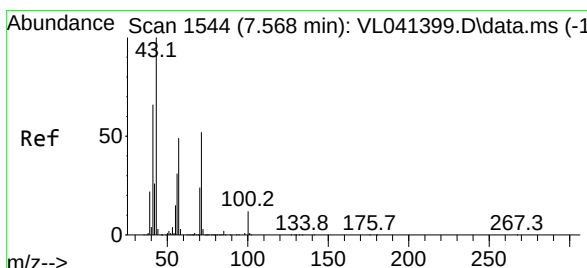
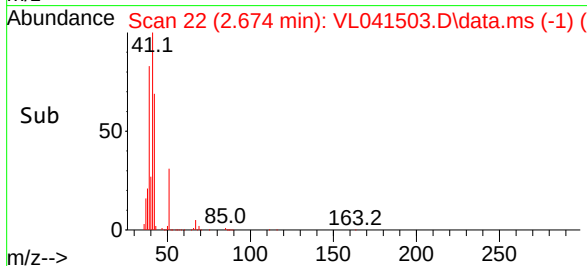
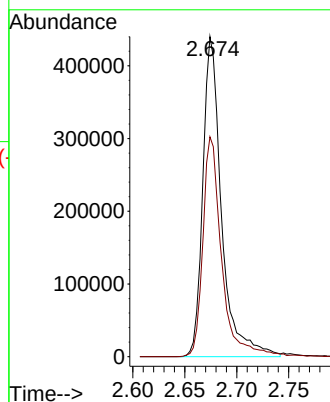
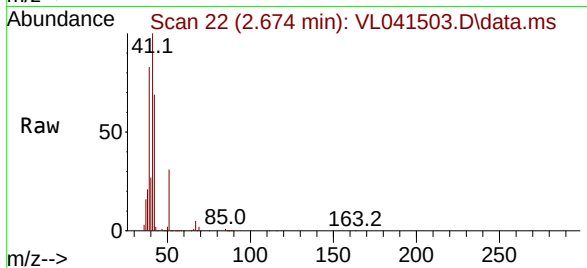
42 69.2 55.9 83.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#10

Heptane

Concen: 11.194 ppbv

RT: 7.568 min Scan# 1544

Delta R.T. -0.006 min

Lab File: VL041503.D

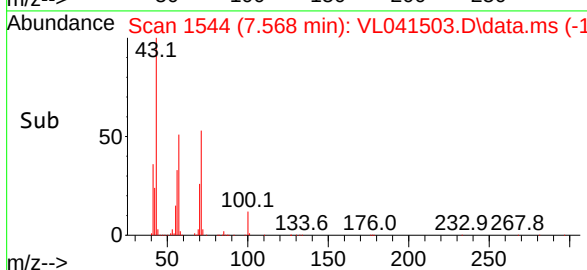
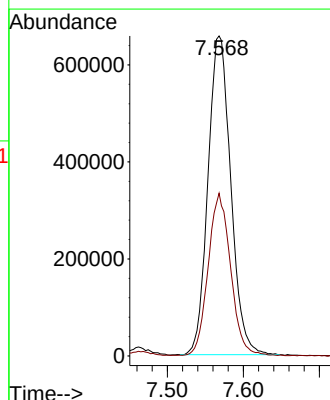
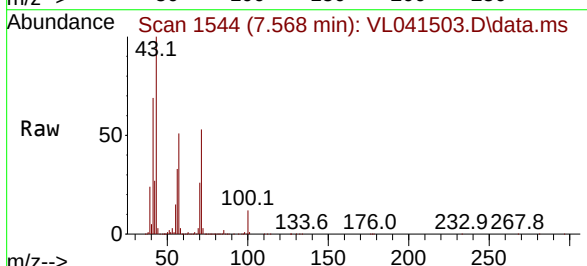
Acq: 8 Aug 2024 8:10

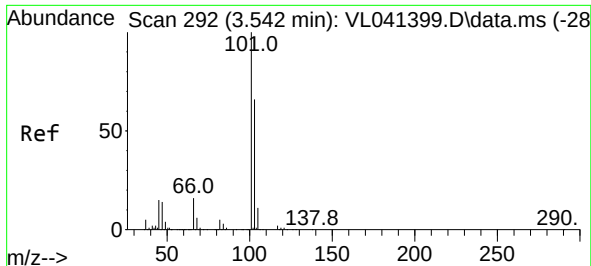
Tgt Ion: 43 Resp: 1367534

Ion Ratio Lower Upper

43 100

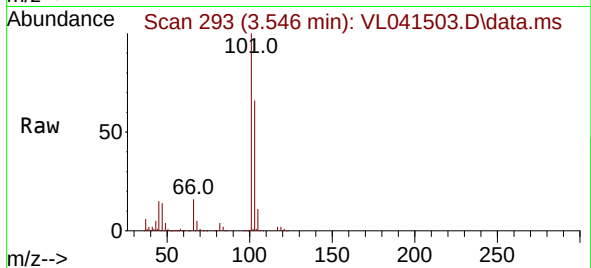
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#11
 Trichlorofluoromethane
 Concen: 10.121 ppbv
 RT: 3.546 min Scan# 292
 Delta R.T. -0.016 min
 Lab File: VL041503.D
 Acq: 8 Aug 2024 8:10

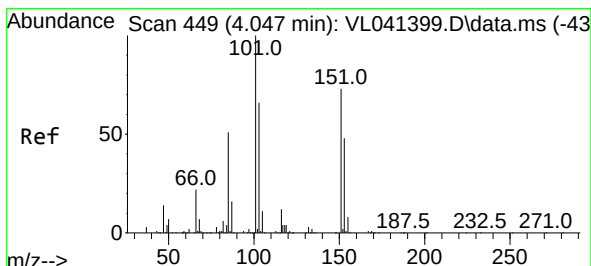
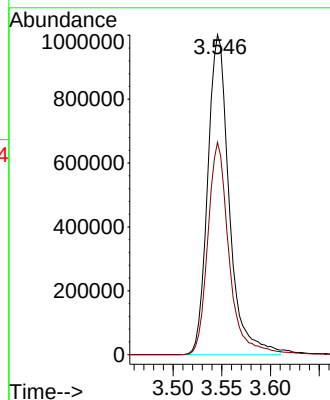
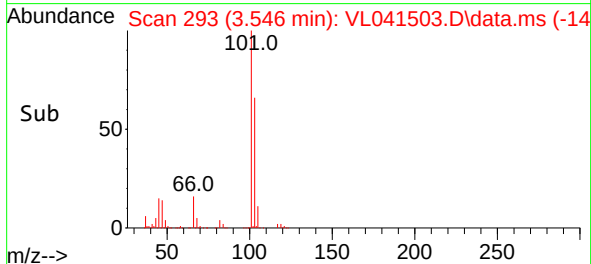
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



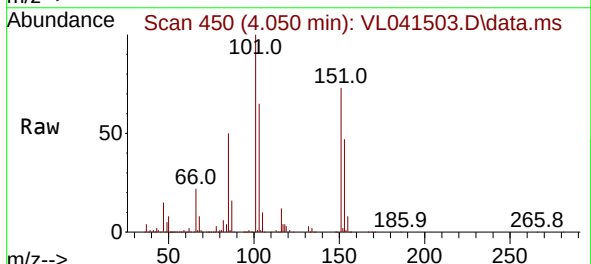
Tgt Ion:101 Resp: 1537424
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.6 79.0

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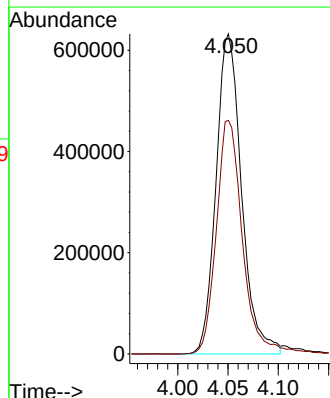
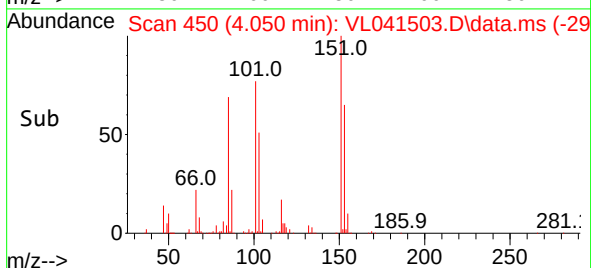
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

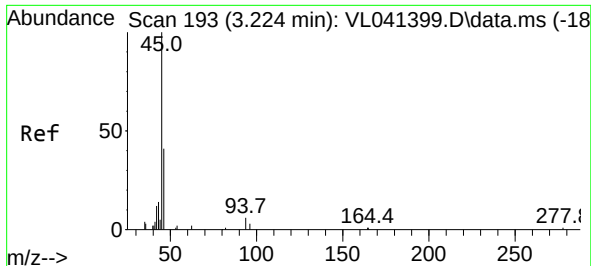


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.213 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. -0.013 min
 Lab File: VL041503.D
 Acq: 8 Aug 2024 8:10



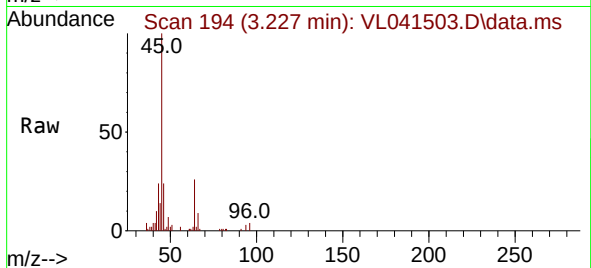
Tgt Ion:101 Resp: 1117174
 Ion Ratio Lower Upper
 101 100
 151 75.1 59.4 89.2





#13
Ethanol
Concen: 8.882 ppbv m
RT: 3.227 min Scan# 193
Delta R.T. -0.016 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

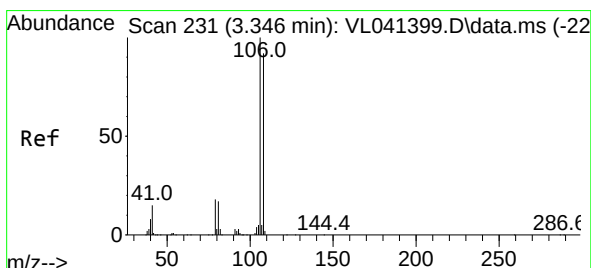
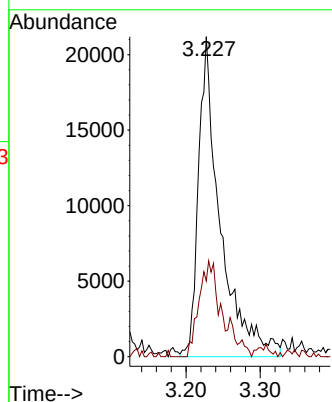
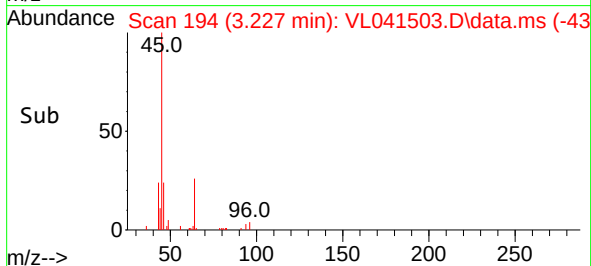
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



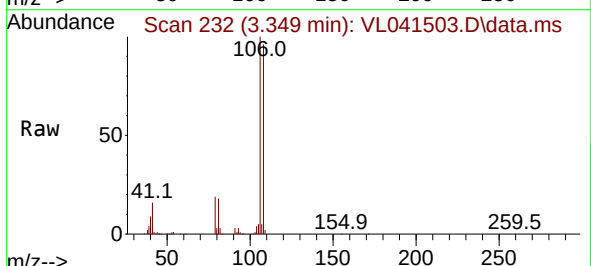
Tgt Ion: 45 Resp: 43164
Ion Ratio Lower Upper
45 100
46 31.8 13.4 53.4

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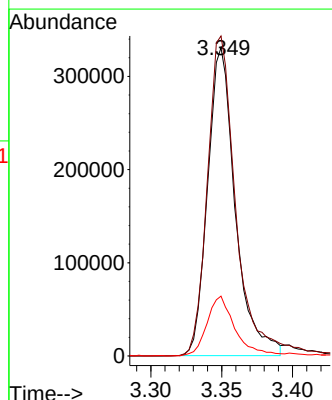
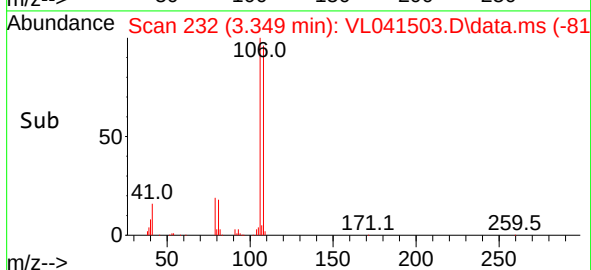
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

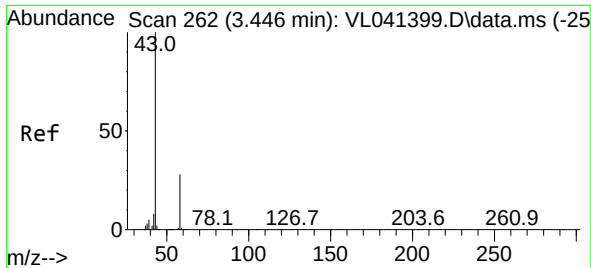


#14
Bromoethene
Concen: 10.517 ppbv
RT: 3.349 min Scan# 232
Delta R.T. -0.016 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10



Tgt Ion:108 Resp: 448512
Ion Ratio Lower Upper
108 100
106 109.7 86.9 130.3
79 20.6 16.2 24.4





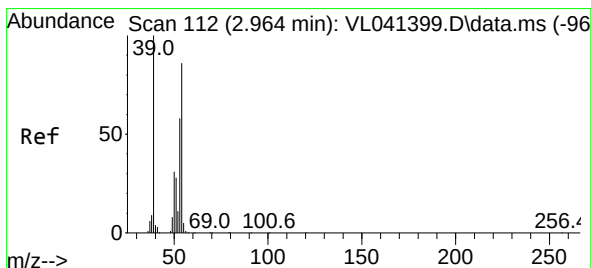
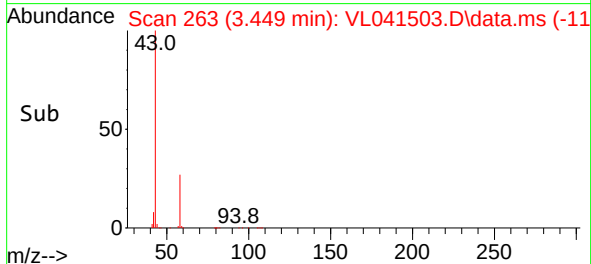
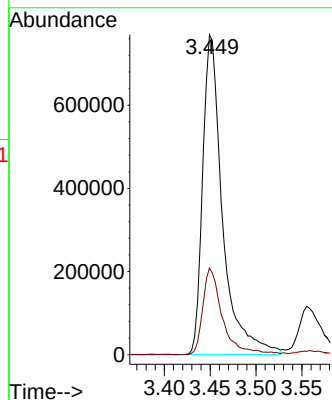
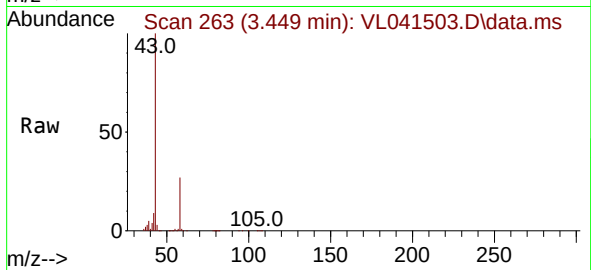
#15
Acetone
Concen: 10.244 ppbv
RT: 3.449 min Scan# 20
Delta R.T. -0.019 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1157230
Ion Ratio Lower Upper
43 100
58 27.0 21.4 32.2

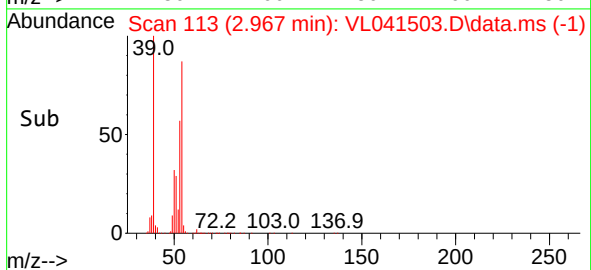
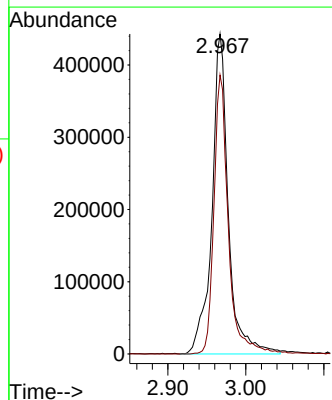
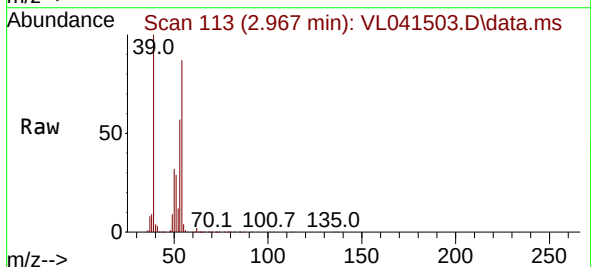
Manual Integrations
APPROVED

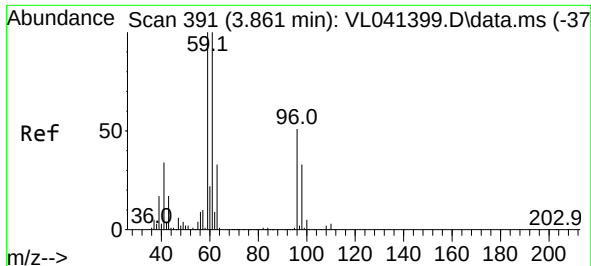
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#16
1,3-Butadiene
Concen: 10.753 ppbv
RT: 2.967 min Scan# 113
Delta R.T. -0.019 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Tgt Ion: 39 Resp: 648992
Ion Ratio Lower Upper
39 100
54 77.1 62.5 93.7





#17

tert-Butyl alcohol

Concen: 11.153 ppbv

RT: 3.861 min Scan# 391

Delta R.T. -0.016 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 114911

Ion Ratio Lower Upper

59 100

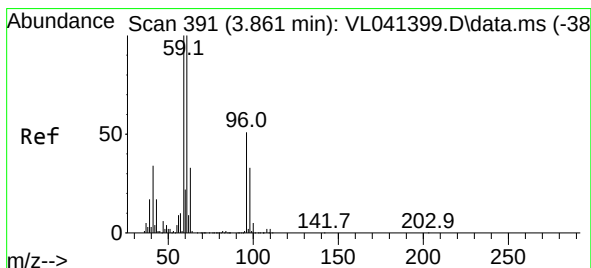
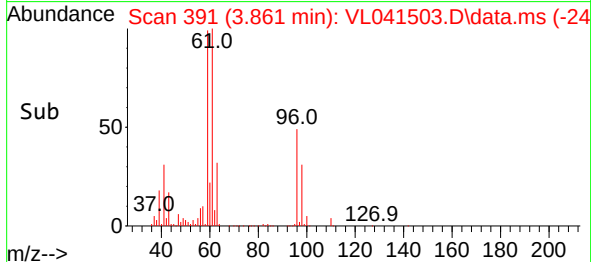
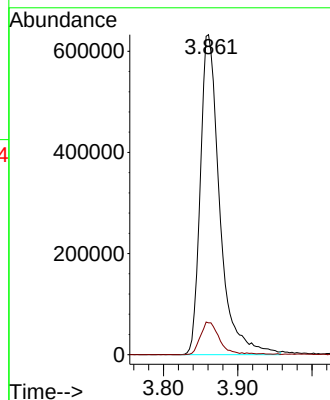
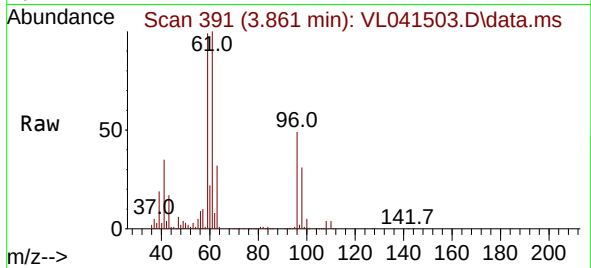
57 10.4 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#18

1,1-Dichloroethene

Concen: 10.906 ppbv

RT: 3.864 min Scan# 392

Delta R.T. -0.016 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

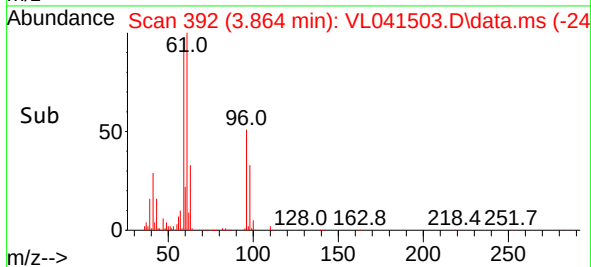
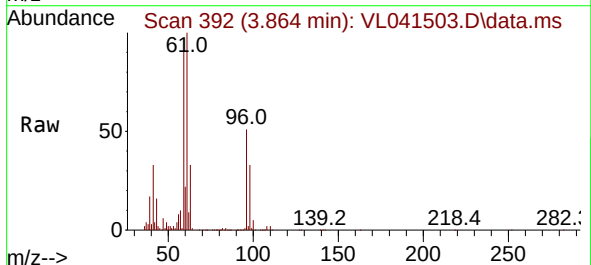
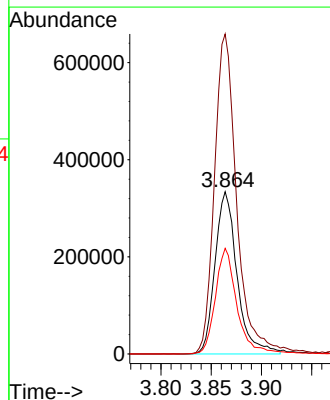
Tgt Ion: 96 Resp: 510290

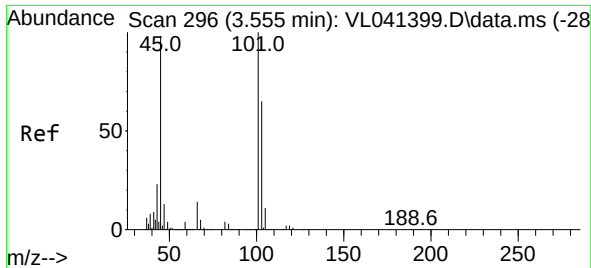
Ion Ratio Lower Upper

96 100

61 197.1 157.5 236.3

98 65.0 51.2 76.8





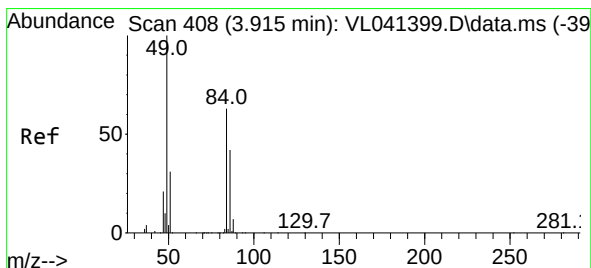
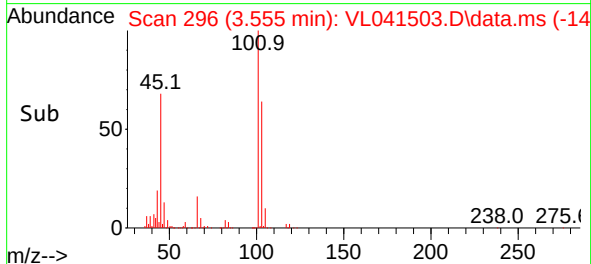
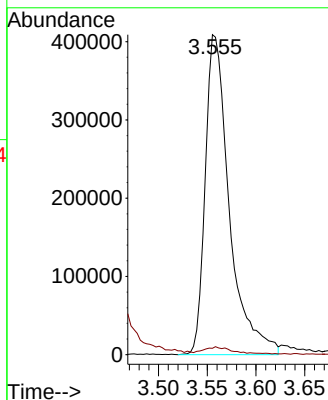
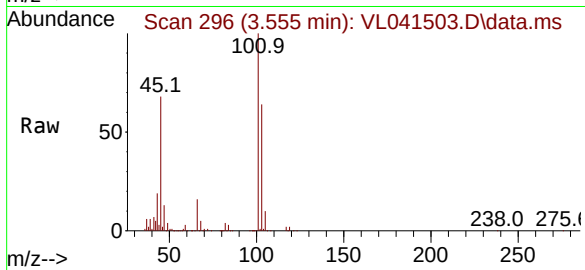
#19
Isopropyl Alcohol
Concen: 10.644 ppbv
RT: 3.555 min Scan# 296
Delta R.T. -0.019 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 70296
Ion Ratio Lower Upper
45 100
58 3.6 1.9 2.9

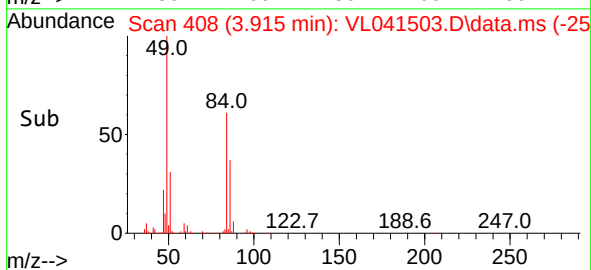
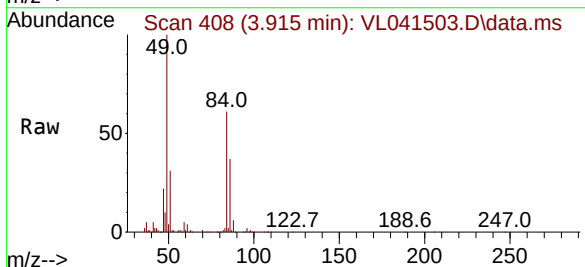
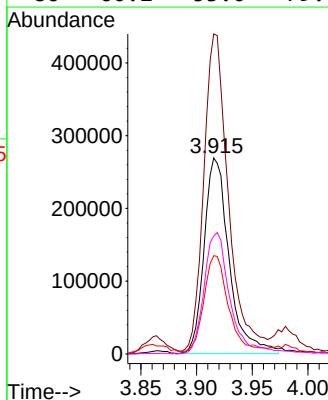
Manual Integrations
APPROVED

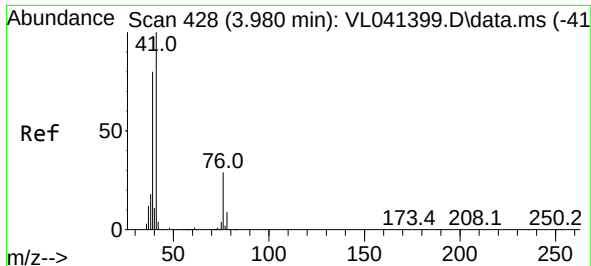
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#20
Methylene Chloride
Concen: 9.996 ppbv
RT: 3.915 min Scan# 408
Delta R.T. -0.016 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

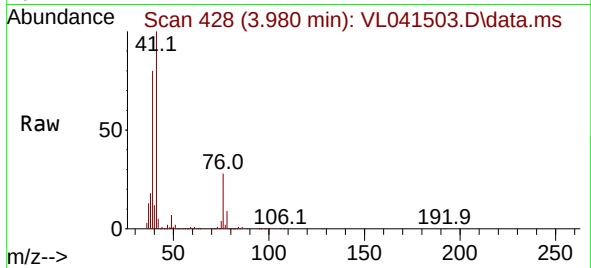
Tgt Ion: 84 Resp: 421098
Ion Ratio Lower Upper
84 100
49 161.8 126.6 190.0
51 48.8 38.6 58.0
86 60.2 53.0 79.4





#21
 Allyl Chloride
 Concen: 10.933 ppbv
 RT: 3.980 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL041503.D
 Acq: 8 Aug 2024 8:10

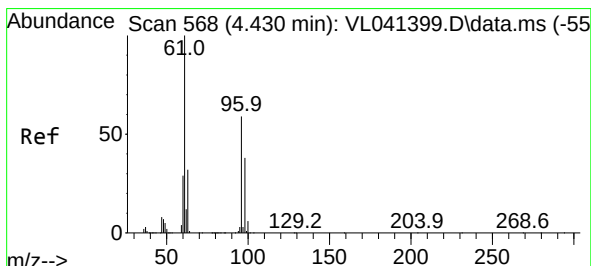
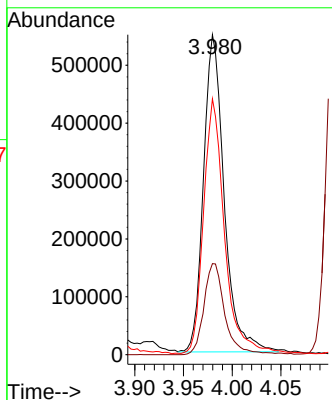
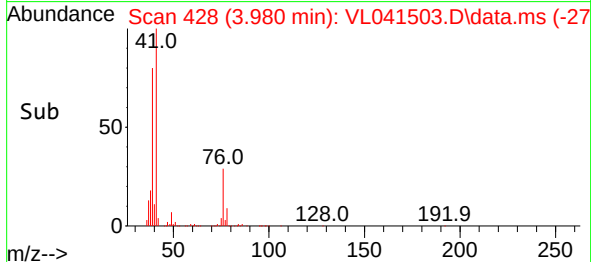
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



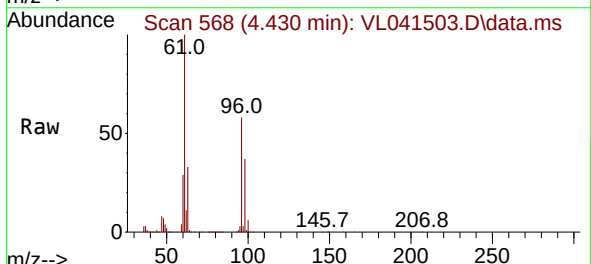
Tgt Ion: 41 Resp: 810028
 Ion Ratio Lower Upper
 41 100
 76 29.2 23.7 35.5
 39 81.9 64.3 96.5

Manual Integrations
 APPROVED

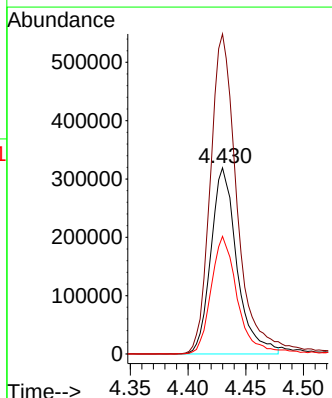
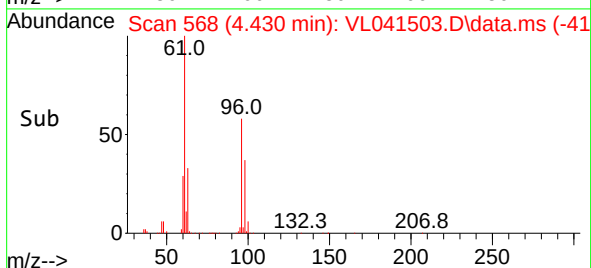
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

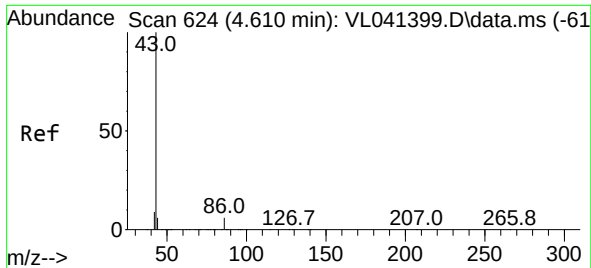


#22
 trans-1,2-Dichloroethene
 Concen: 10.719 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. -0.013 min
 Lab File: VL041503.D
 Acq: 8 Aug 2024 8:10



Tgt Ion: 96 Resp: 501480
 Ion Ratio Lower Upper
 96 100
 61 172.0 135.4 203.2
 98 63.1 51.0 76.4





#23
 Vinyl Acetate
 Concen: 11.913 ppbv
 RT: 4.613 min Scan# 613
 Delta R.T. -0.013 min
 Lab File: VL041503.D
 Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

ClientSampleId :

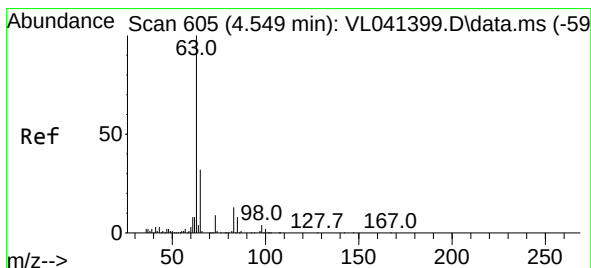
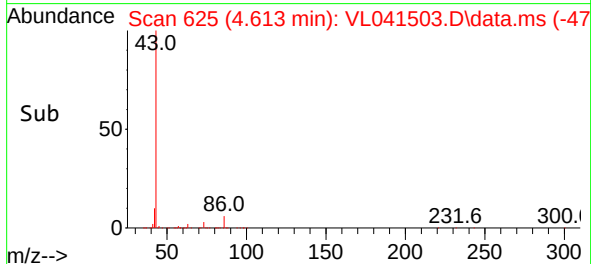
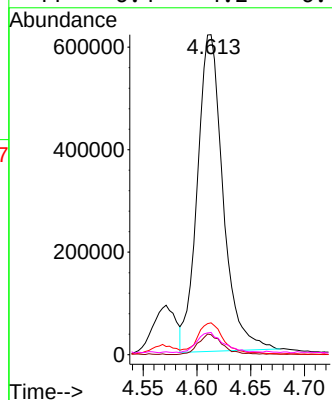
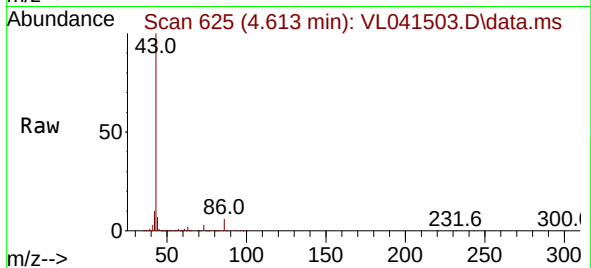
VSTDCCC010

Tgt Ion: 43 Resp: 1027820
 Ion Ratio Lower Upper
 43 100
 86 6.2 4.6 6.8
 42 9.9 7.9 11.9
 44 6.4 4.2 6.4#

Manual Integrations

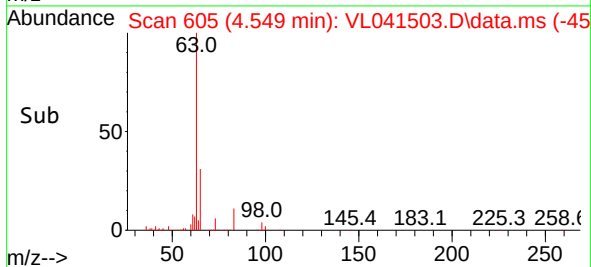
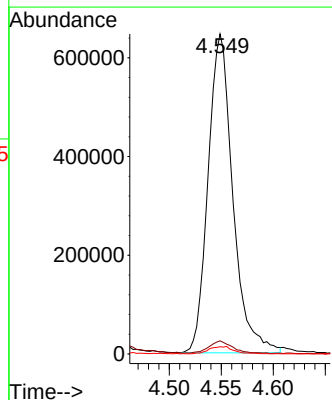
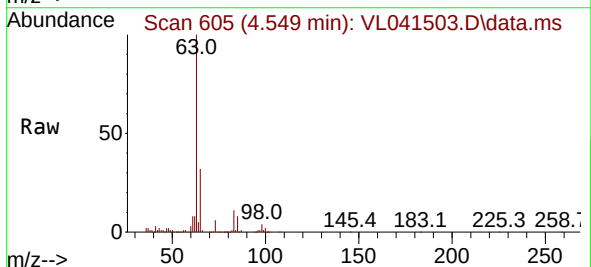
APPROVED

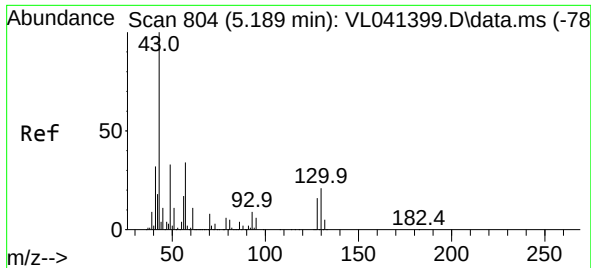
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024



#24
 1,1-Dichloroethane
 Concen: 10.547 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.013 min
 Lab File: VL041503.D
 Acq: 8 Aug 2024 8:10

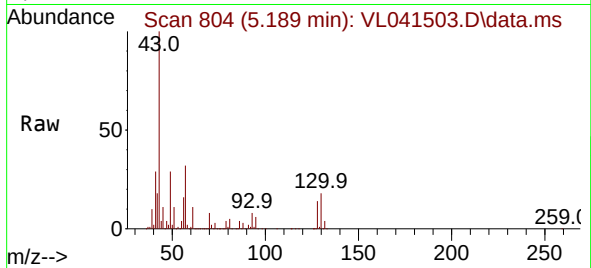
Tgt Ion: 63 Resp: 1071411
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.0 6.0
 100 2.2 1.2 3.6





#25
Ethyl Acetate
Concen: 10.794 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.013 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

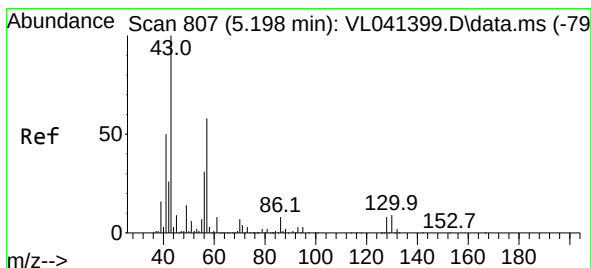
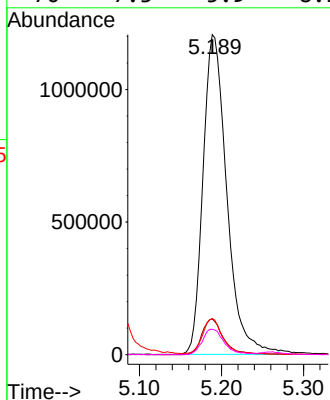
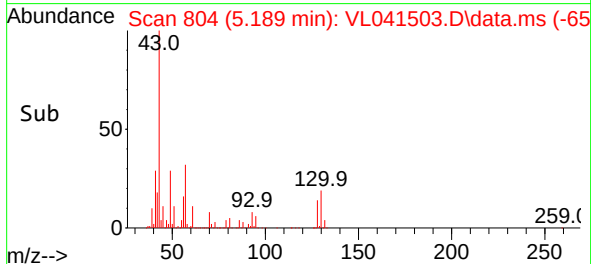


Tgt Ion: 43 Resp: 2422469

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.5	12.7
61	10.0	8.0	12.0
70	7.3	5.9	8.9

Manual Integrations
APPROVED

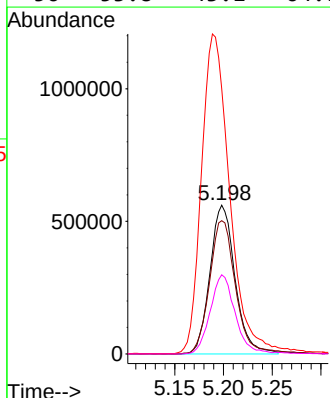
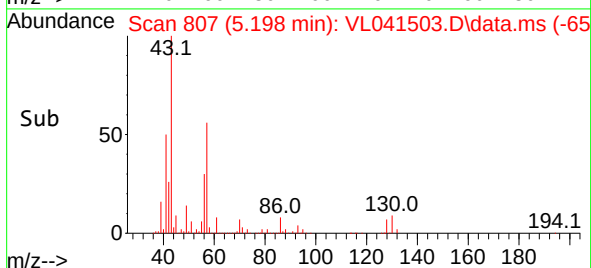
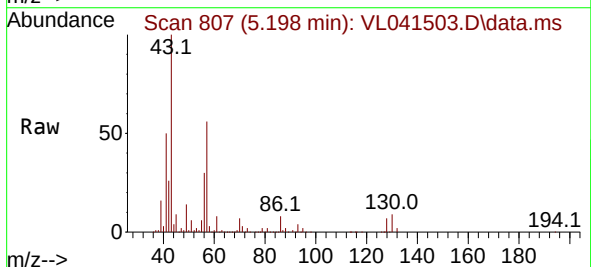
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

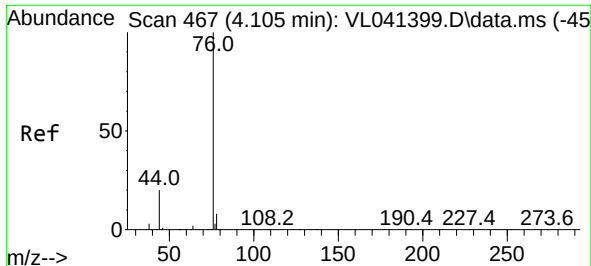


#26
Hexane
Concen: 10.783 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.013 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Tgt Ion: 57 Resp: 1003885

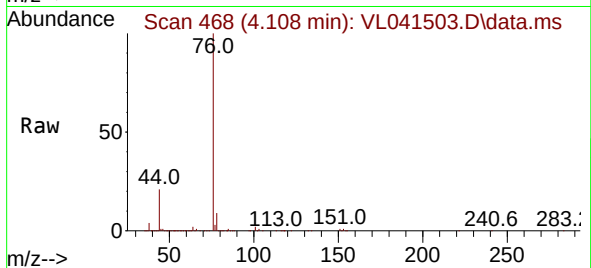
Ion	Ratio	Lower	Upper
57	100		
41	94.4	74.0	111.0
43	244.5	193.6	290.4
56	53.8	43.1	64.7





#27
Carbon Disulfide
Concen: 11.200 ppbv
RT: 4.108 min Scan# 467
Delta R.T. -0.016 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

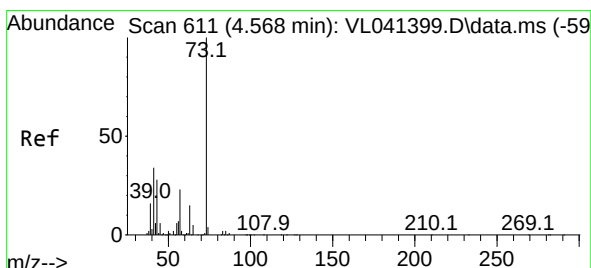
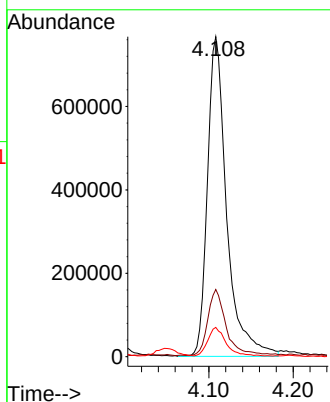
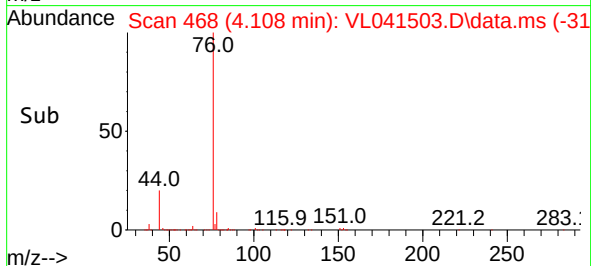
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



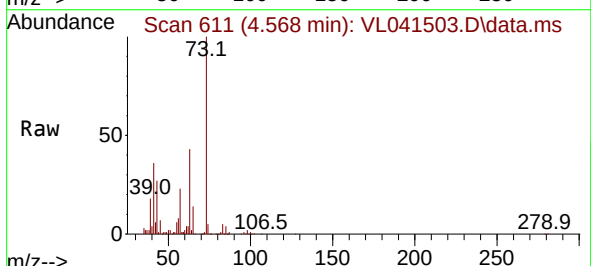
Tgt Ion: 76 Resp: 1219858
Ion Ratio Lower Upper
76 100
44 20.0 15.6 23.4
78 9.1 7.7 11.5

Manual Integrations
APPROVED

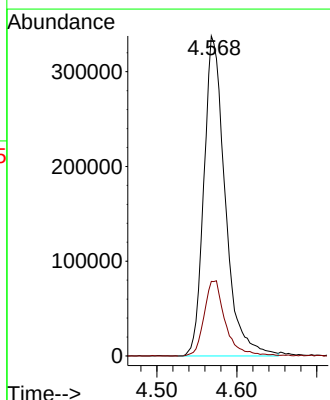
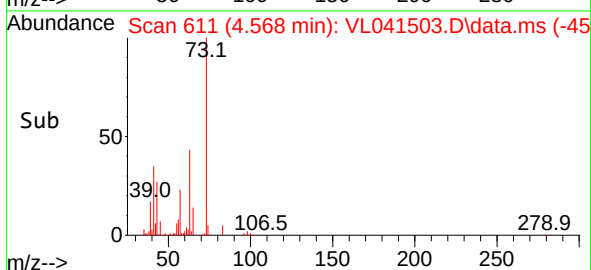
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

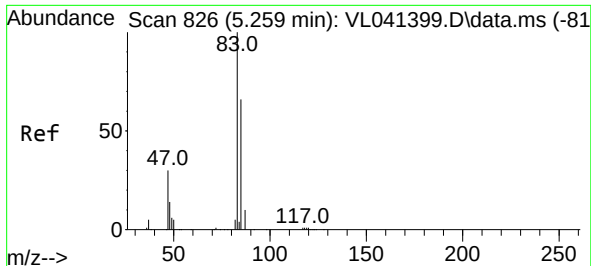


#28
Methyl tert-Butyl Ether
Concen: 10.633 ppbv
RT: 4.568 min Scan# 611
Delta R.T. -0.013 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10



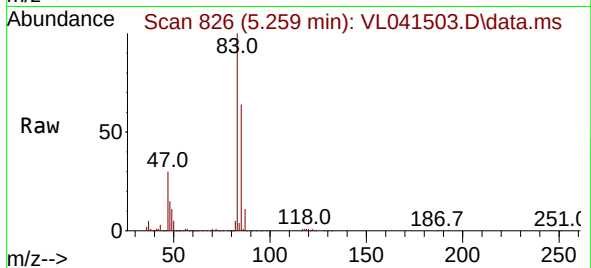
Tgt Ion: 73 Resp: 624314
Ion Ratio Lower Upper
73 100
57 23.5 18.9 28.3





#29
Chloroform
Concen: 10.431 ppbv
RT: 5.259 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

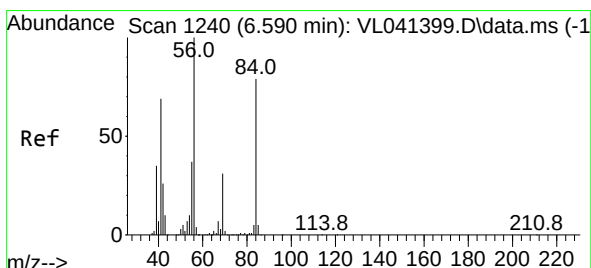
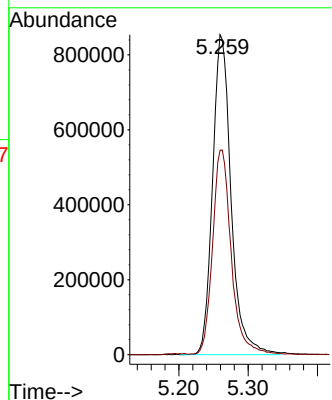
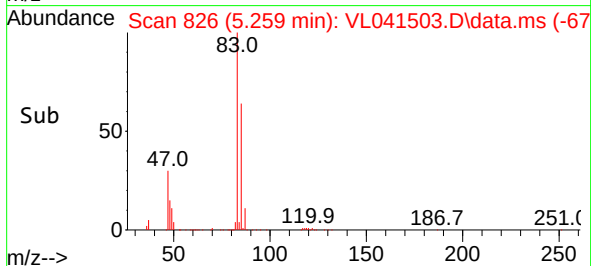
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 158404
Ion Ratio Lower Upper
83 100
85 63.6 53.1 79.7

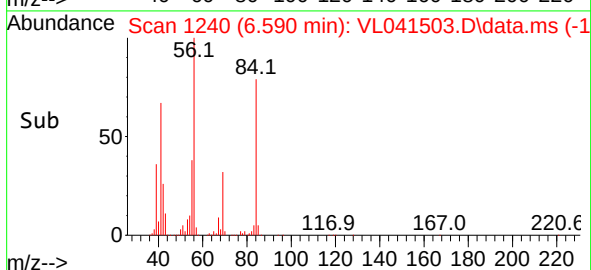
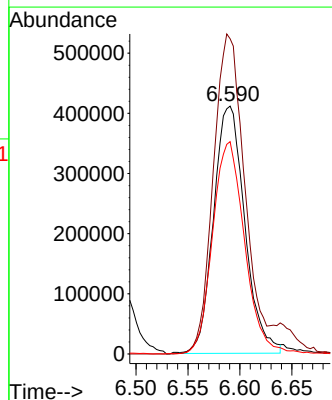
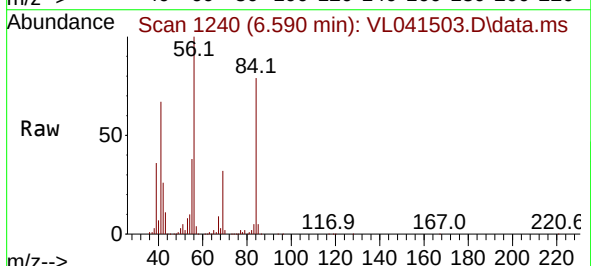
Manual Integrations
APPROVED

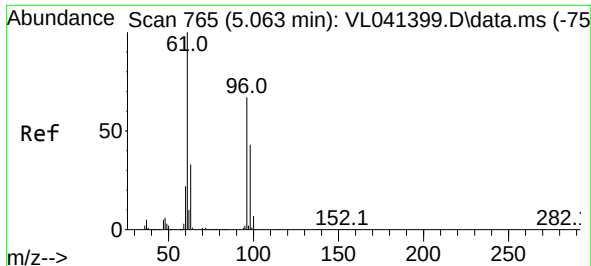
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#30
Cyclohexane
Concen: 11.344 ppbv
RT: 6.590 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

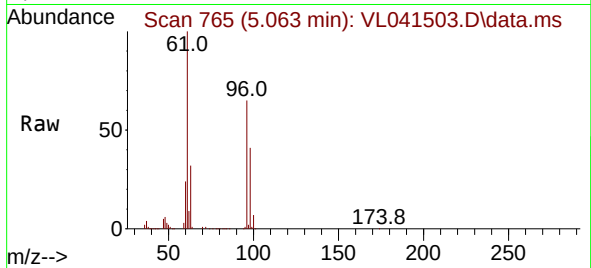
Tgt Ion: 84 Resp: 860023
Ion Ratio Lower Upper
84 100
56 139.2 111.2 166.8
41 88.2 70.3 105.5





#31
 cis-1,2-Dichloroethene
 Concen: 10.777 ppbv
 RT: 5.063 min Scan# 765
 Delta R.T. -0.013 min
 Lab File: VL041503.D
 Acq: 8 Aug 2024 8:10

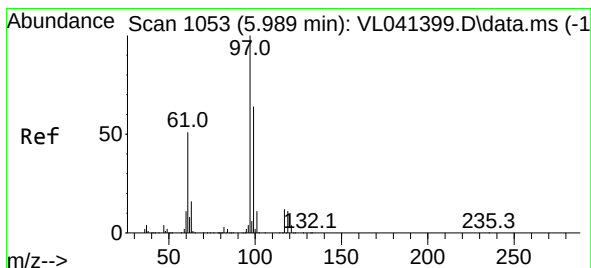
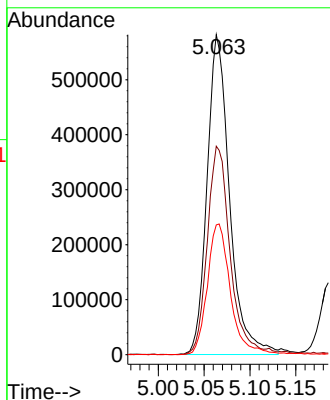
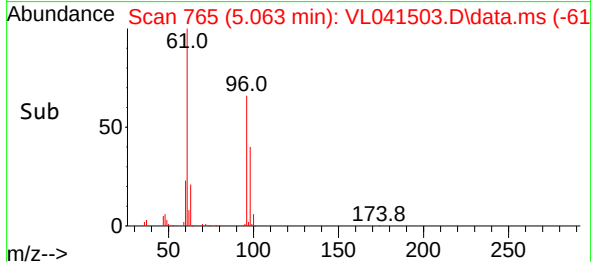
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



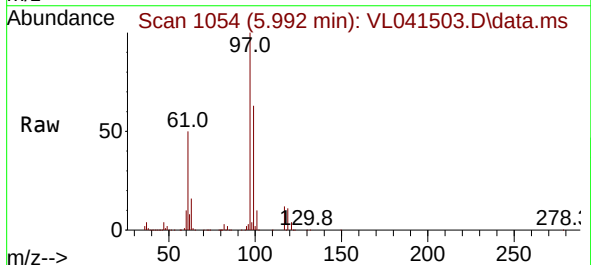
Tgt Ion: 61 Resp: 991208
 Ion Ratio Lower Upper
 61 100
 96 65.1 53.4 80.2
 98 40.6 34.4 51.6

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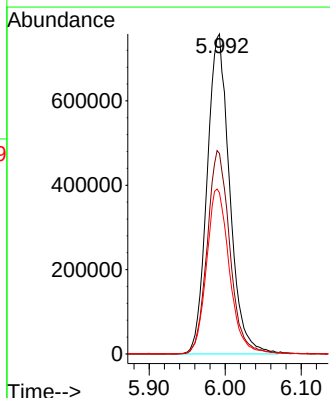
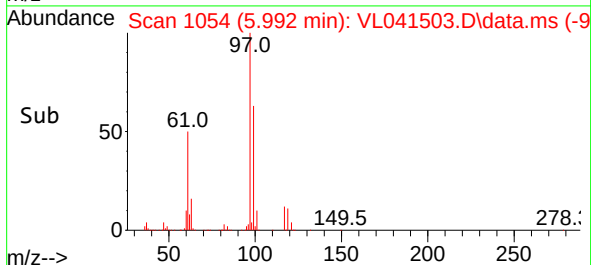
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

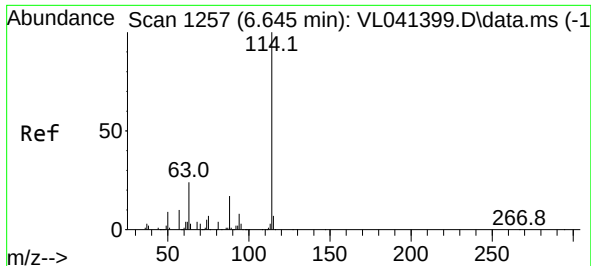


#32
 1,1,1-Trichloroethane
 Concen: 10.567 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.006 min
 Lab File: VL041503.D
 Acq: 8 Aug 2024 8:10



Tgt Ion: 97 Resp: 1561971
 Ion Ratio Lower Upper
 97 100
 99 63.9 52.0 78.0
 61 52.7 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. -0.006 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 271611

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

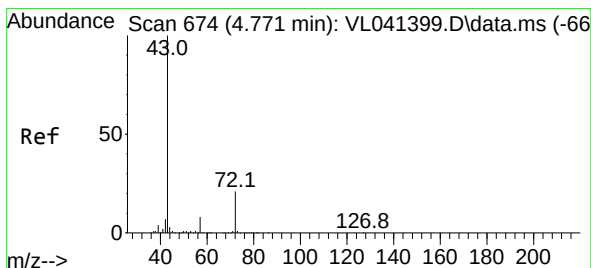
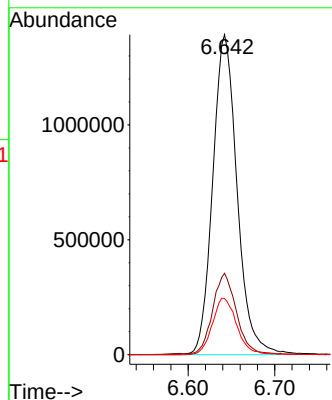
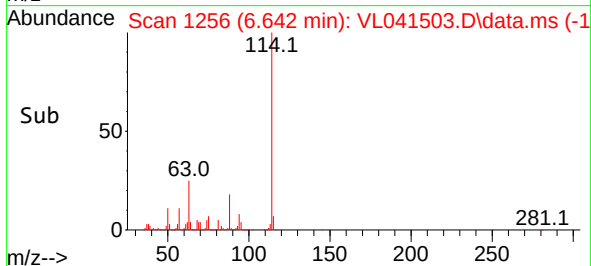
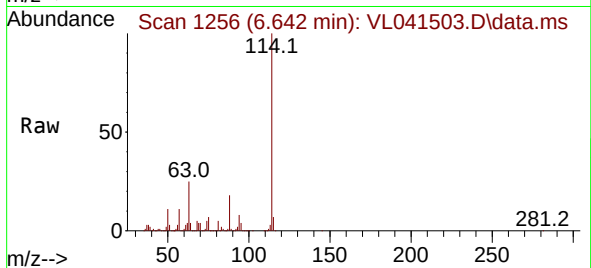
88 17.8 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#34

2-Butanone

Concen: 10.913 ppbv

RT: 4.771 min Scan# 674

Delta R.T. -0.013 min

Lab File: VL041503.D

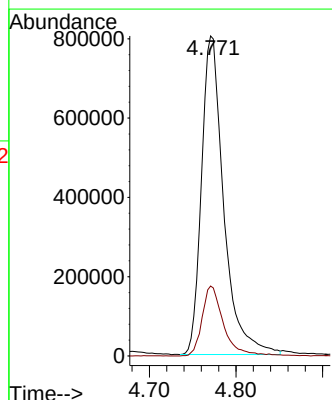
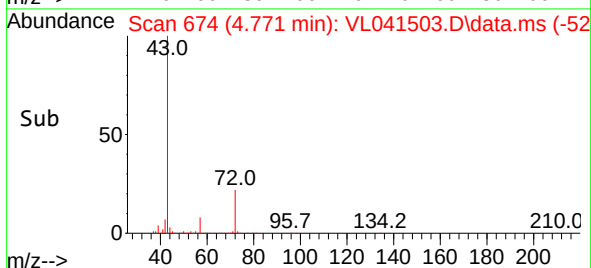
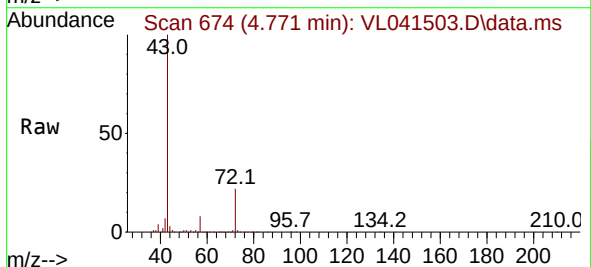
Acq: 8 Aug 2024 8:10

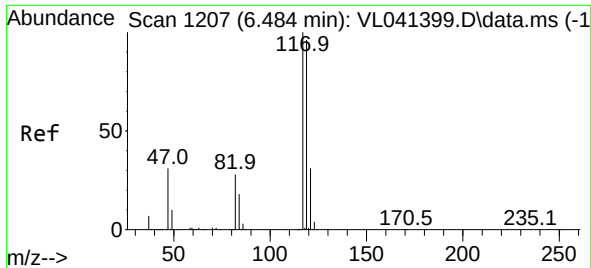
Tgt Ion: 43 Resp: 1433865

Ion Ratio Lower Upper

43 100

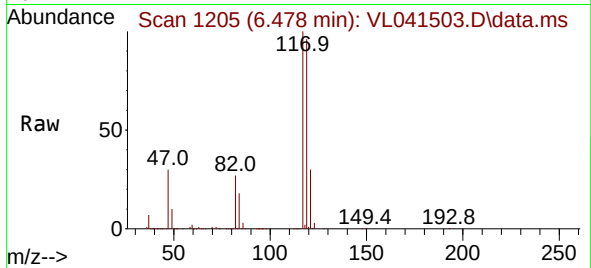
72 21.3 17.3 25.9





#35
Carbon Tetrachloride
Concen: 10.962 ppbv
RT: 6.478 min Scan# 117
Delta R.T. -0.013 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

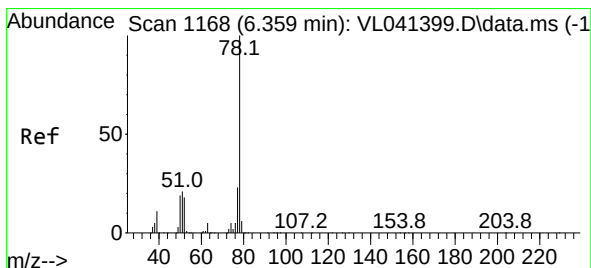
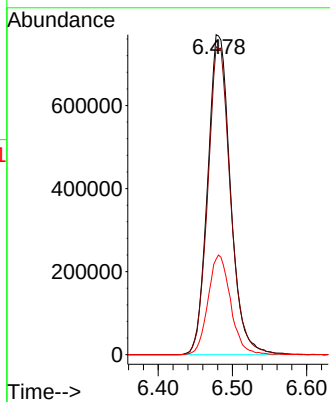
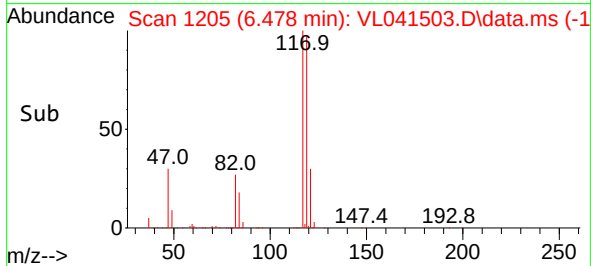
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 164215
Ion Ratio Lower Upper
117 100
119 96.2 76.6 115.0
121 29.9 25.1 37.7

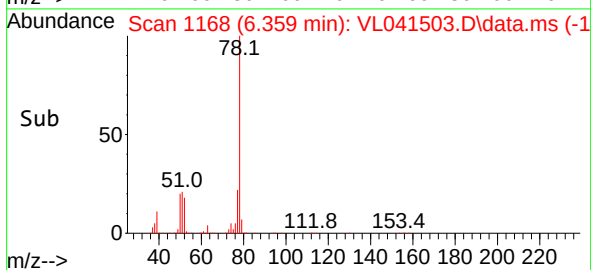
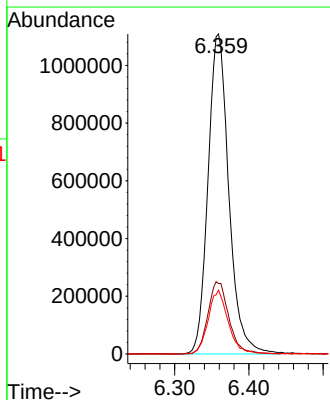
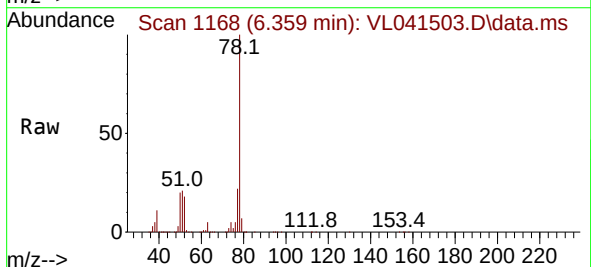
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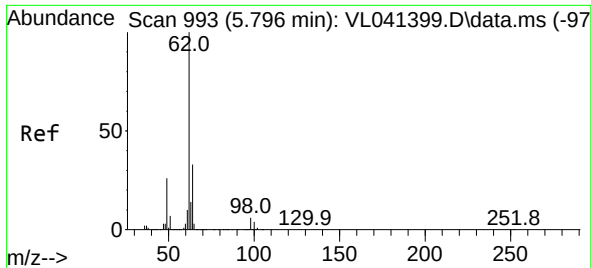
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#36
Benzene
Concen: 10.886 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.010 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

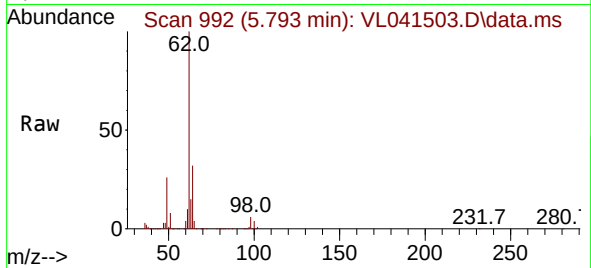
Tgt Ion: 78 Resp: 2160436
Ion Ratio Lower Upper
78 100
77 22.0 18.1 27.1
50 20.0 15.5 23.3





#37
1,2-Dichloroethane
Concen: 10.913 ppbv
RT: 5.793 min Scan# 993
Delta R.T. -0.013 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

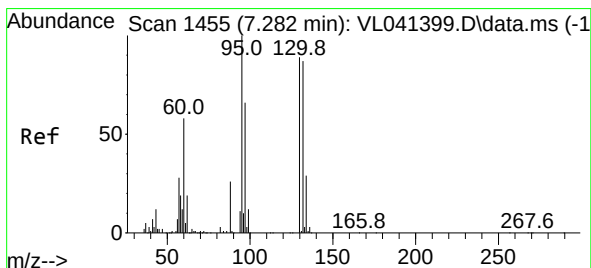
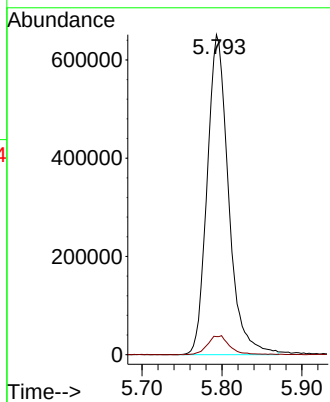
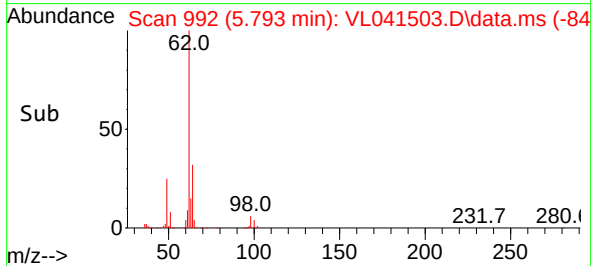
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 1212174
Ion Ratio Lower Upper
62 100
98 6.2 5.0 7.4

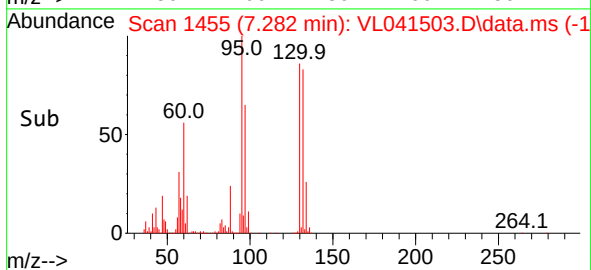
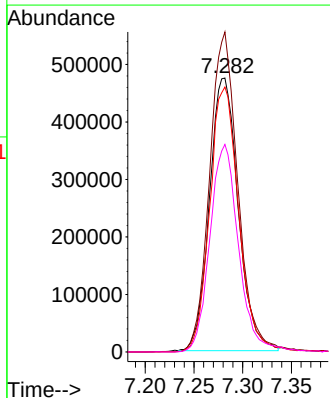
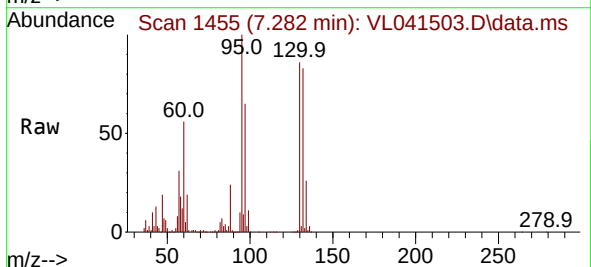
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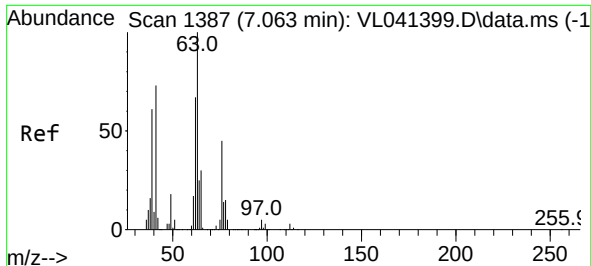
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#38
Trichloroethene
Concen: 10.706 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.006 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Tgt Ion:130 Resp: 973395
Ion Ratio Lower Upper
130 100
95 117.2 90.2 135.2
132 96.9 78.1 117.1
97 76.1 59.7 89.5





#39

1,2-Dichloropropane

Concen: 10.946 ppbv

RT: 7.063 min Scan# 1387

Delta R.T. -0.006 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

ClientSampleId :

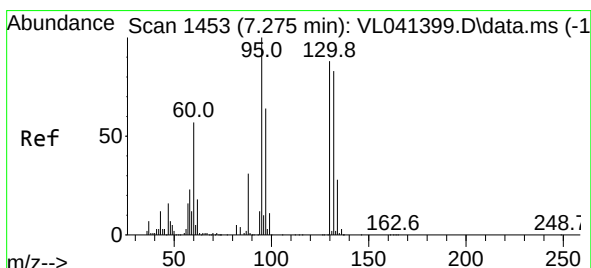
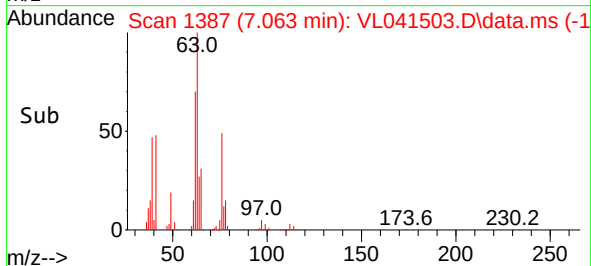
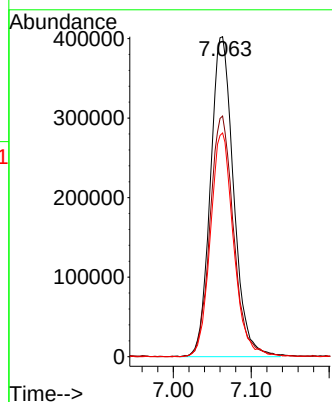
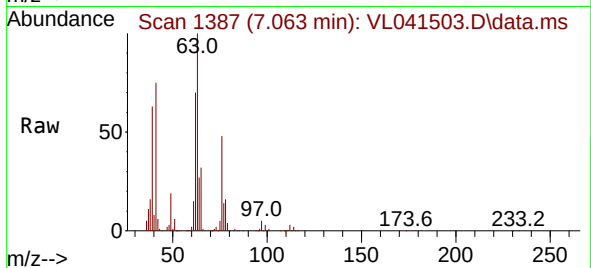
VSTDCCC010

Tgt Ion: 63	Resp: 831710
Ion Ratio	Lower Upper
63	100
41	75.1 58.3 87.5
62	69.9 53.9 80.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#40

1,4-Dioxane

Concen: 11.506 ppbv

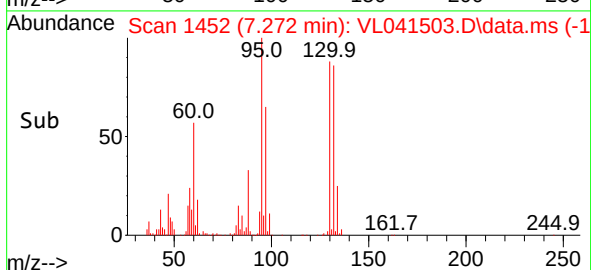
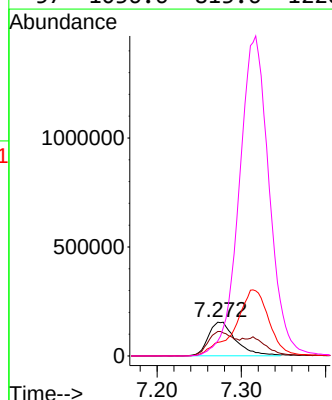
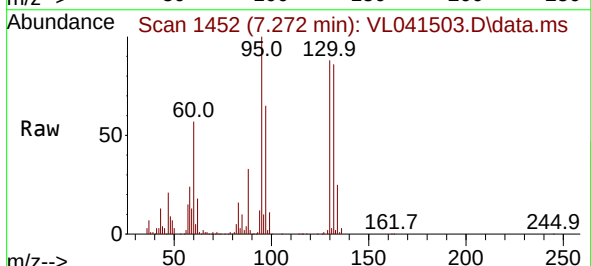
RT: 7.272 min Scan# 1452

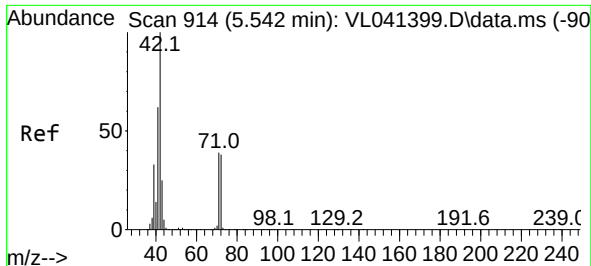
Delta R.T. -0.006 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

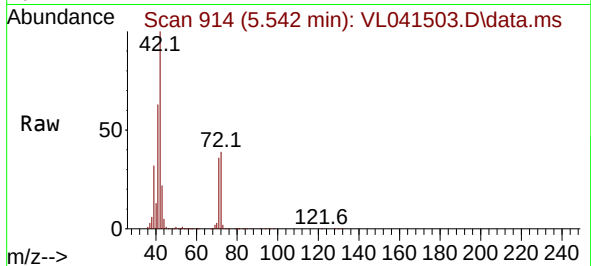
Tgt Ion: 88	Resp: 351210
Ion Ratio	Lower Upper
88	100
58	120.1 95.8 143.6
43	241.6 188.2 282.2
57	1036.6 813.6 1220.4





#41
Tetrahydrofuran
Concen: 11.744 ppbv
RT: 5.542 min Scan# 914
Delta R.T. -0.010 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

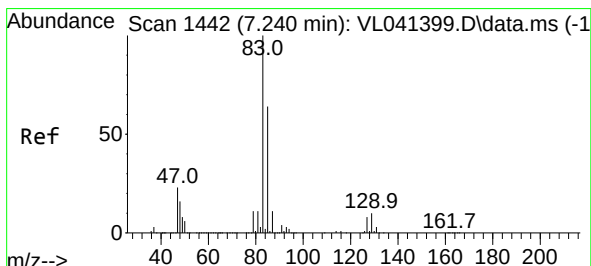
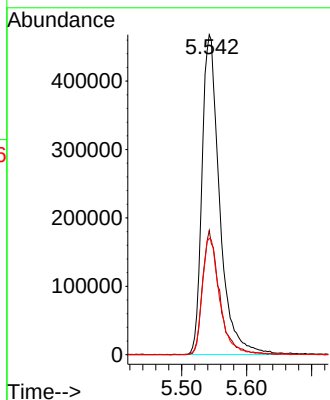
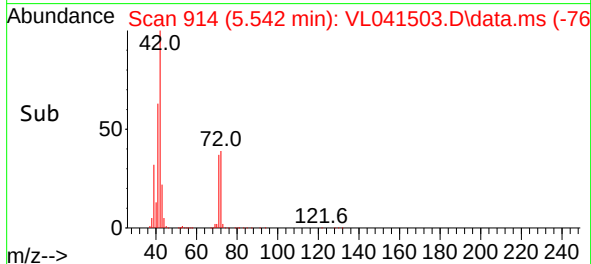
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 882484
Ion Ratio Lower Upper
42 100
72 37.6 31.2 46.8
71 36.6 30.5 45.7

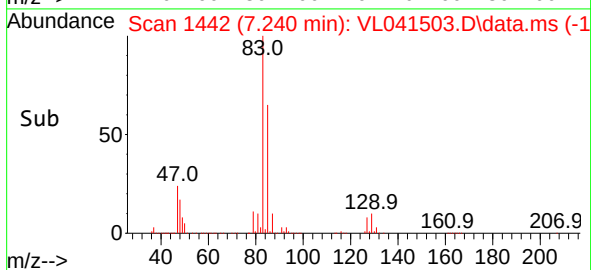
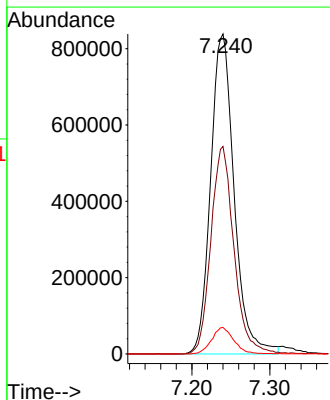
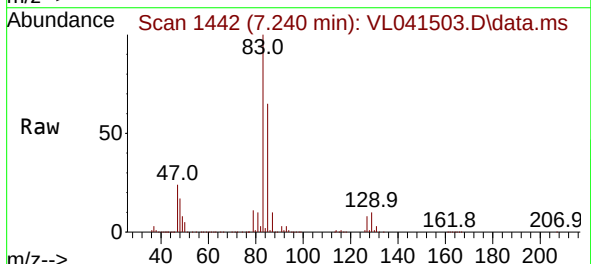
Manual Integrations
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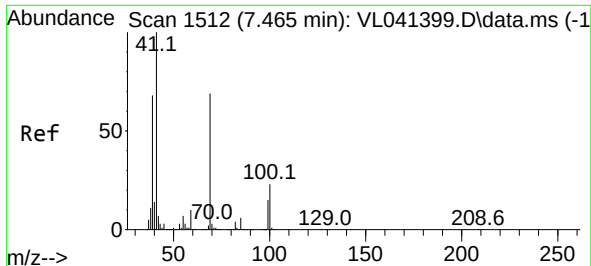
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#42
Bromodichloromethane
Concen: 10.973 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

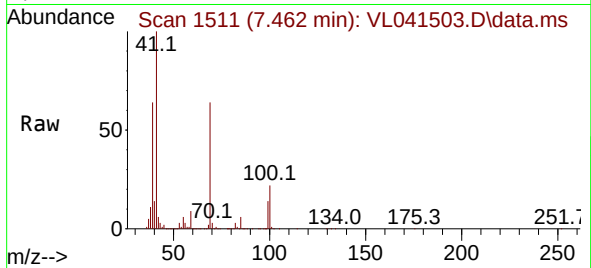
Tgt Ion: 83 Resp: 1760010
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.0
127 8.3 6.7 10.1





#43
Methyl Methacrylate
Concen: 12.083 ppbv
RT: 7.462 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

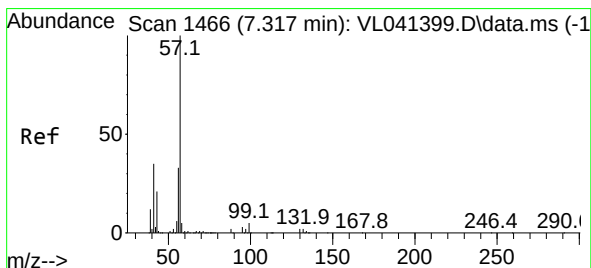
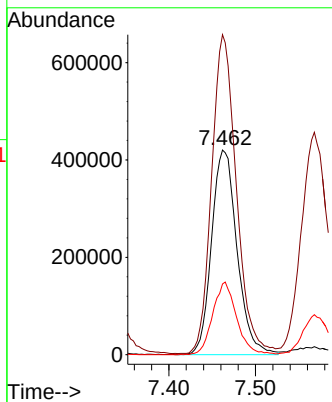
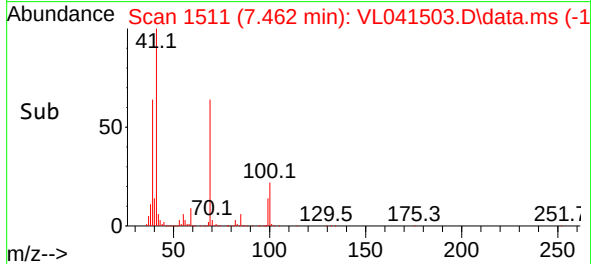
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 85994
Ion Ratio Lower Upper
69 100
41 152.1 118.7 178.1
100 33.3 27.0 40.4

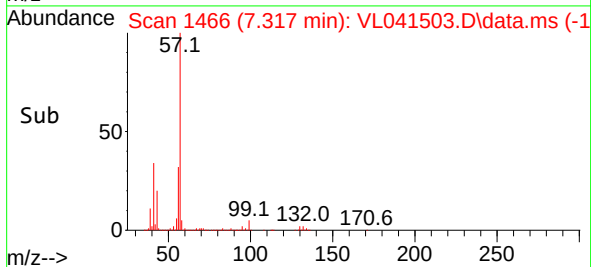
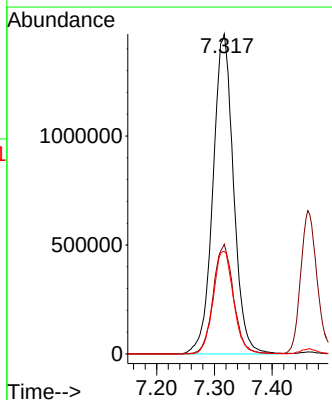
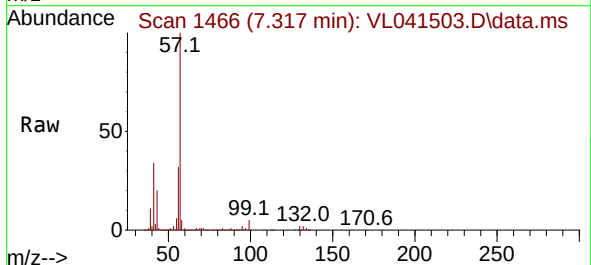
Manual Integrations
APPROVED

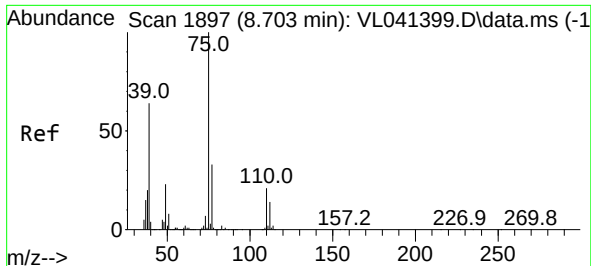
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#44
2,2,4-Trimethylpentane
Concen: 10.974 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Tgt Ion: 57 Resp: 3637662
Ion Ratio Lower Upper
57 100
41 33.8 27.0 40.6
56 31.8 25.2 37.8





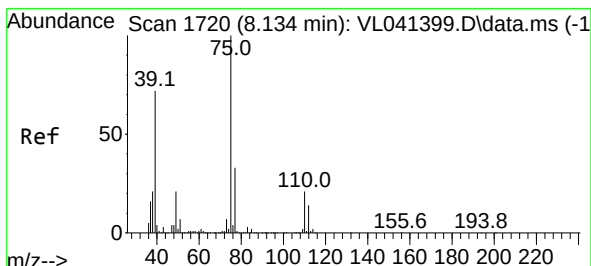
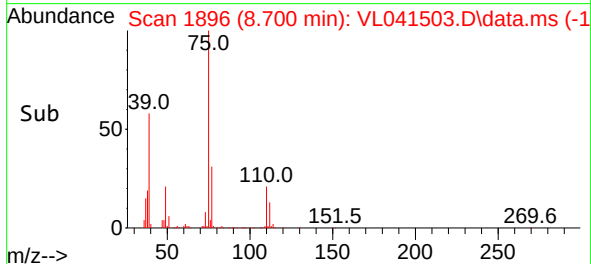
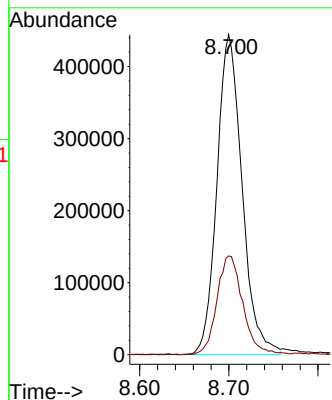
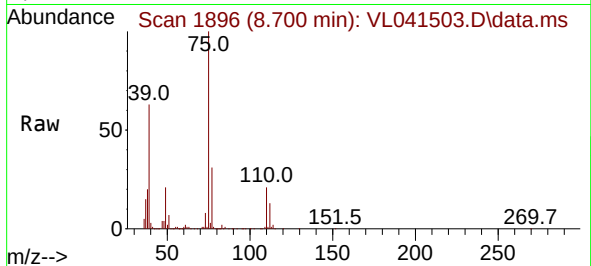
#45
t-1,3-Dichloropropene
Concen: 13.287 ppbv
RT: 8.700 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 870364
Ion Ratio Lower Upper
75 100
77 30.9 26.5 39.7

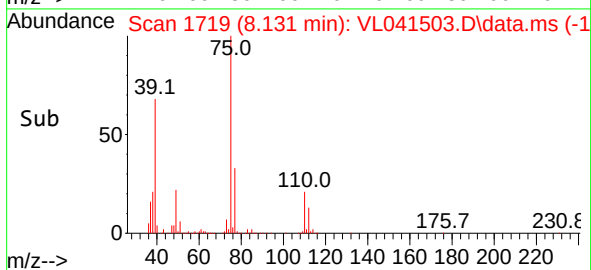
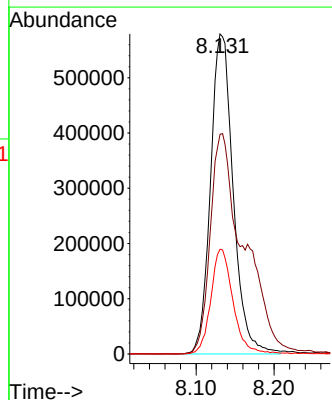
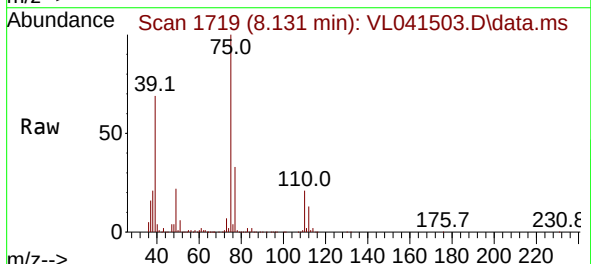
Manual Integrations
APPROVED

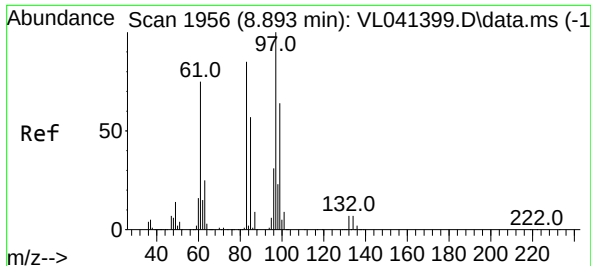
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#46
cis-1,3-Dichloropropene
Concen: 12.377 ppbv
RT: 8.131 min Scan# 1719
Delta R.T. -0.010 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

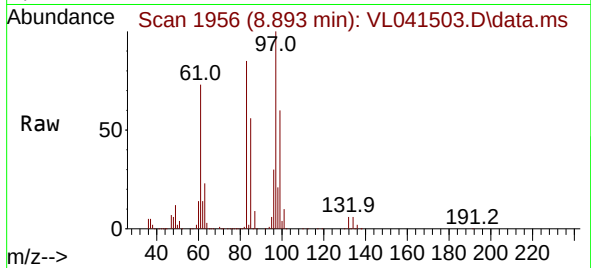
Tgt Ion: 75 Resp: 1170745
Ion Ratio Lower Upper
75 100
39 68.5 57.3 85.9
77 32.7 26.2 39.2





#47
1,1,2-Trichloroethane
Concen: 10.818 ppbv
RT: 8.893 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

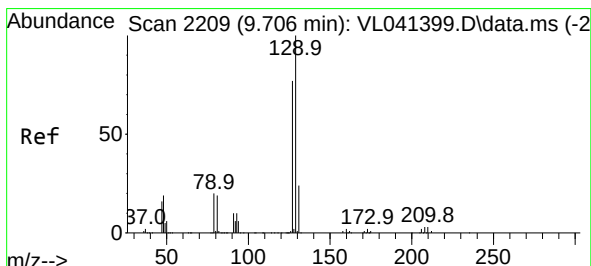
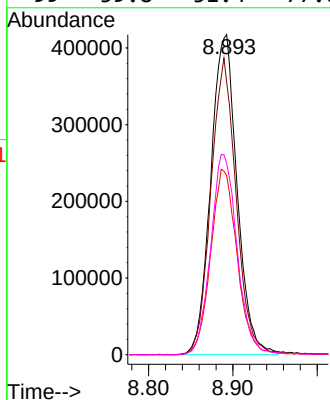
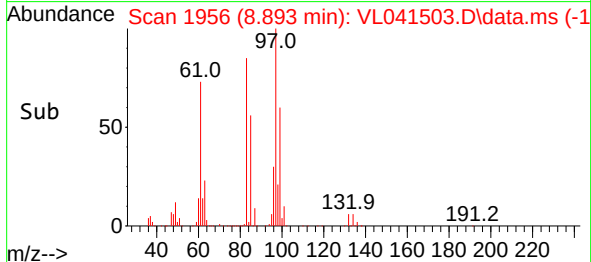
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 906083
Ion Ratio Lower Upper
97 100
83 85.0 67.6 101.4
85 55.9 45.9 68.9
99 59.8 51.4 77.0

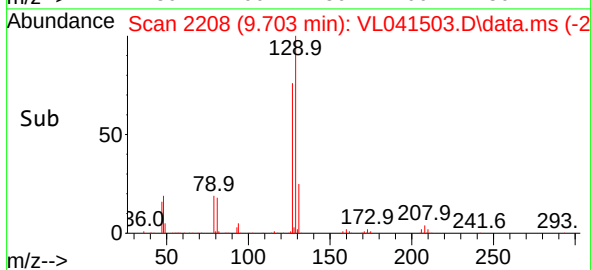
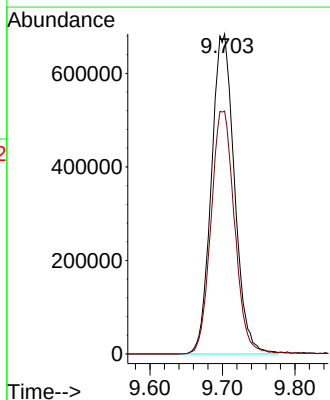
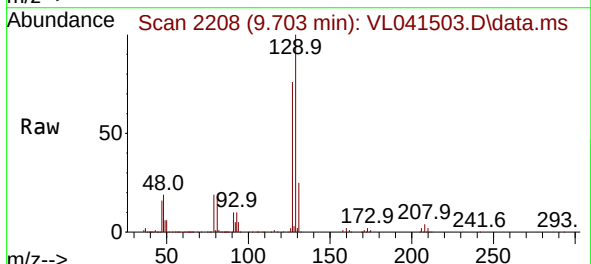
Manual Integrations
APPROVED

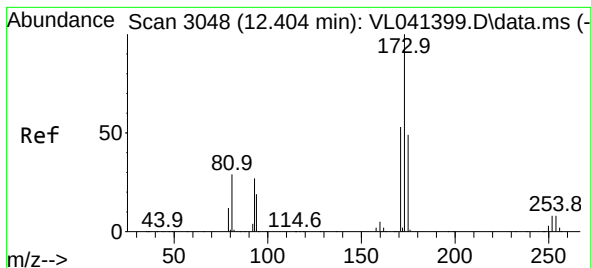
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#48
Dibromochloromethane
Concen: 11.209 ppbv
RT: 9.703 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Tgt Ion:129 Resp: 1512424
Ion Ratio Lower Upper
129 100
127 77.6 39.3 117.8





#49

Bromoform

Concen: 11.718 ppbv

RT: 12.397 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 133551

Ion Ratio Lower Upper

173 100

175 49.8 39.9 59.9

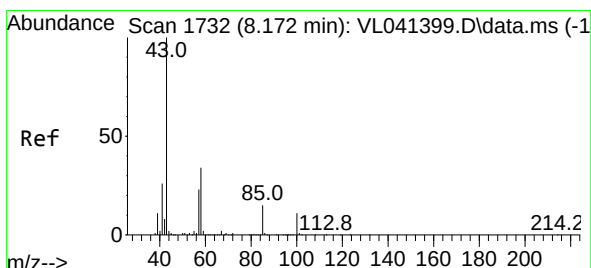
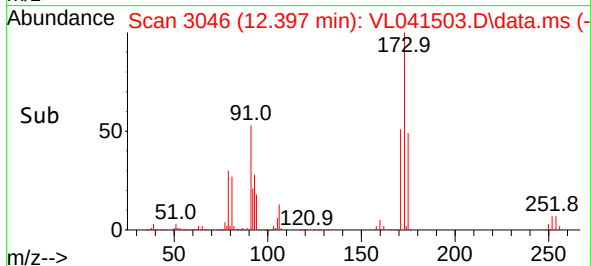
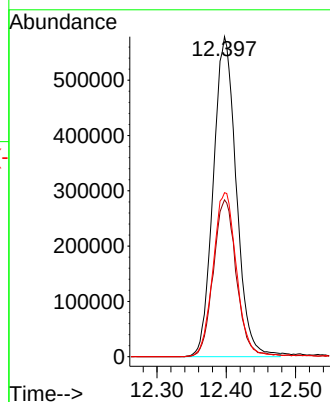
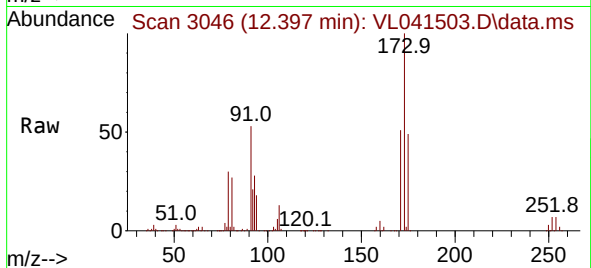
171 52.8 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#50

4-Methyl-2-Pentanone

Concen: 11.712 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. -0.006 min

Lab File: VL041503.D

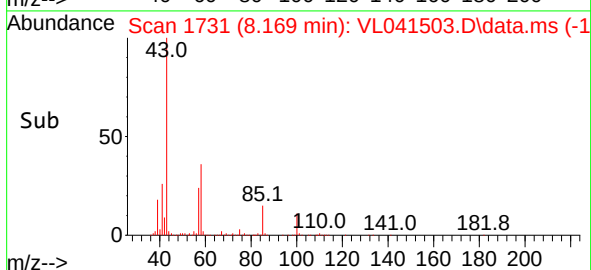
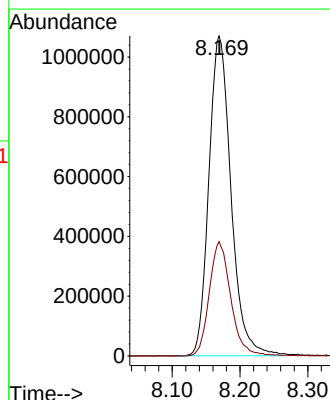
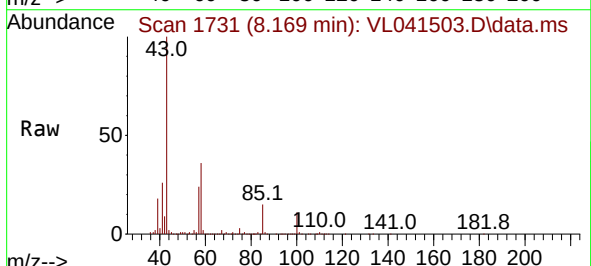
Acq: 8 Aug 2024 8:10

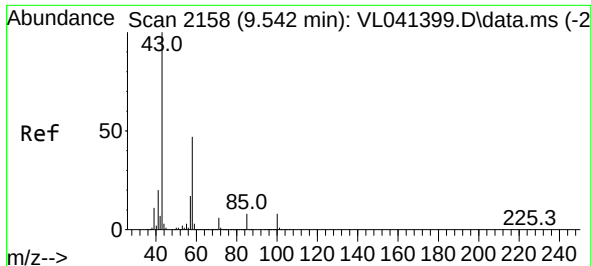
Tgt Ion: 43 Resp: 2427866

Ion Ratio Lower Upper

43 100

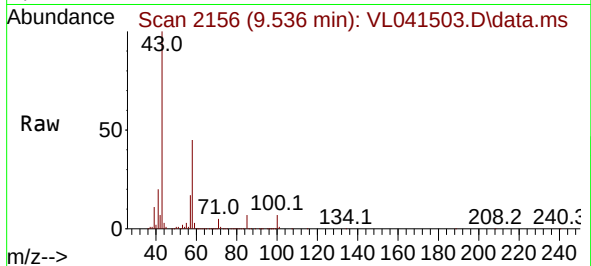
58 34.8 27.9 41.9





#51
2-Hexanone
Concen: 12.575 ppbv
RT: 9.536 min Scan# 2158
Delta R.T. -0.010 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

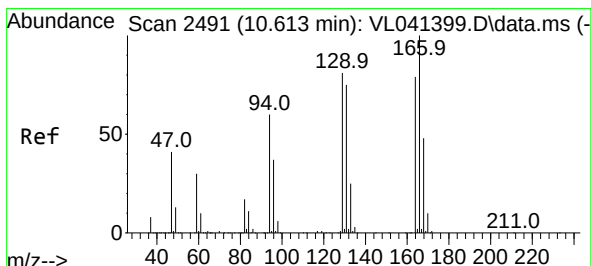
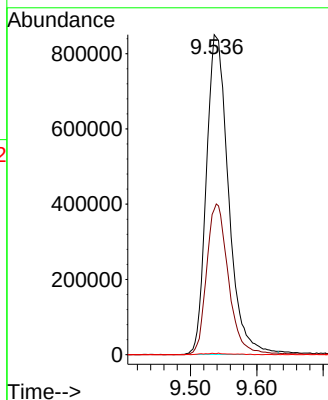
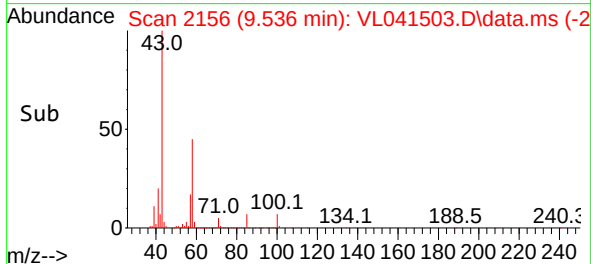
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 197102
Ion Ratio Lower Upper
43 100
58 46.8 38.2 57.2
98 0.5 0.3 0.5

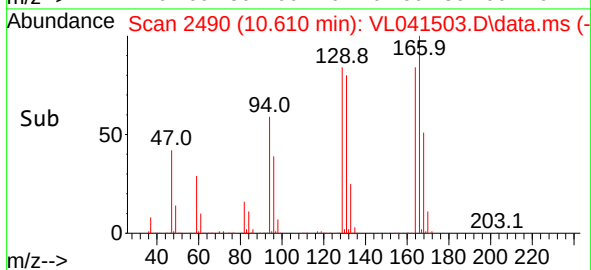
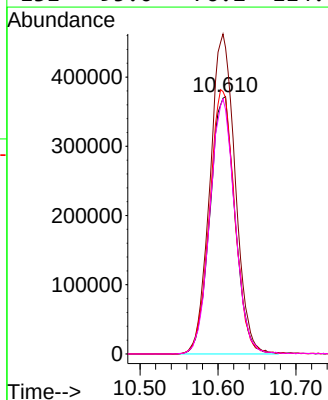
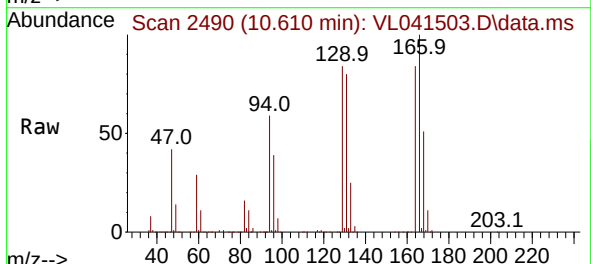
Manual Integrations
APPROVED

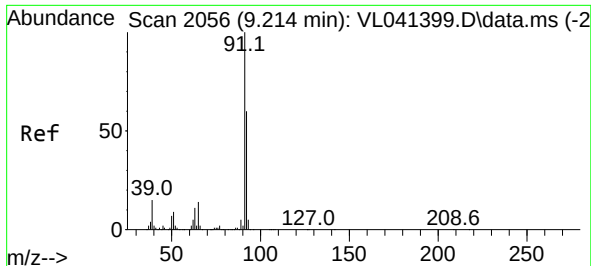
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#52
Tetrachloroethene
Concen: 10.812 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Tgt Ion:164 Resp: 829107
Ion Ratio Lower Upper
164 100
166 118.9 101.1 151.7
129 99.6 81.7 122.5
131 95.0 76.2 114.4





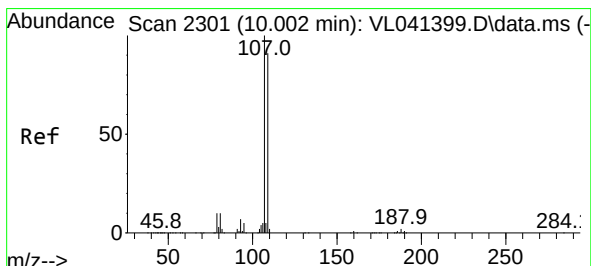
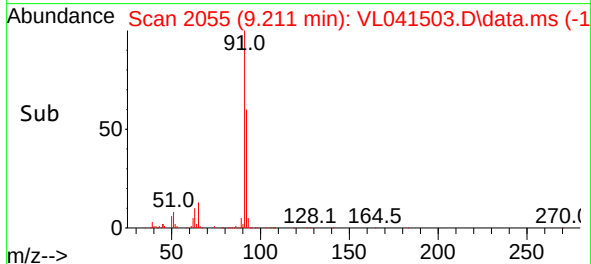
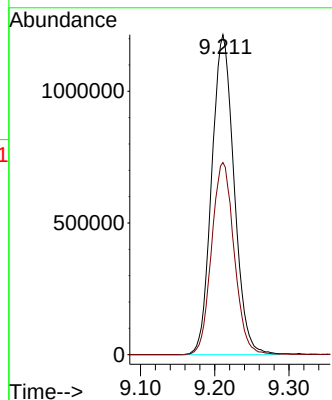
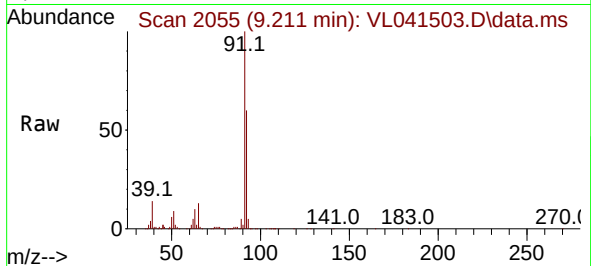
#53
Toluene
Concen: 11.484 ppbv
RT: 9.211 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2538680
Ion Ratio Lower Upper
91 100
92 61.0 48.7 73.1

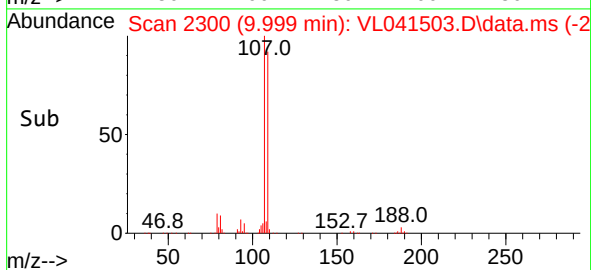
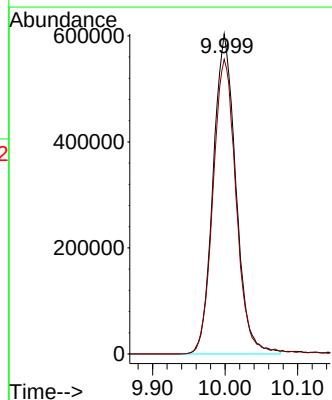
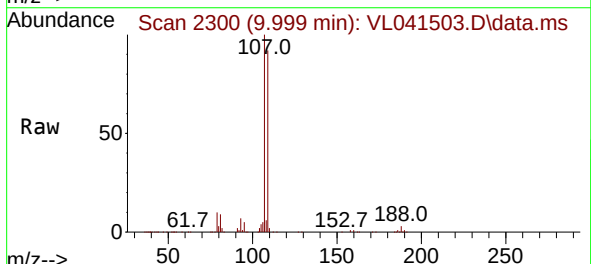
Manual Integrations
APPROVED

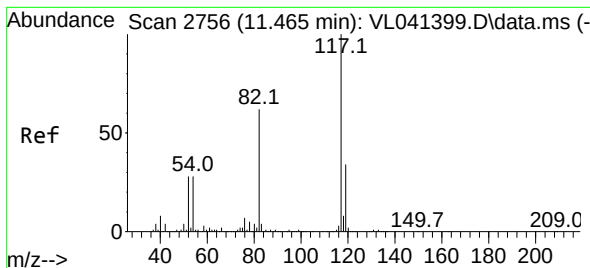
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#54
1,2-Dibromoethane
Concen: 11.745 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. -0.006 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

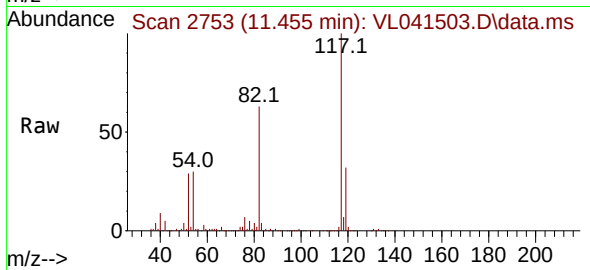
Tgt Ion:107 Resp: 1309379
Ion Ratio Lower Upper
107 100
109 92.1 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 2756
Delta R.T. -0.006 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

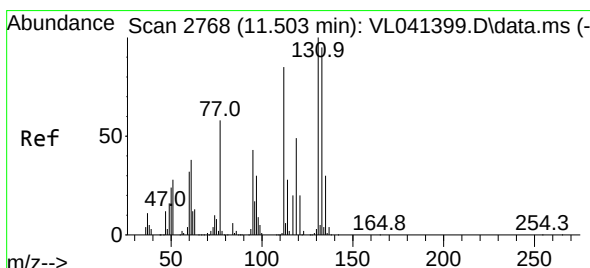
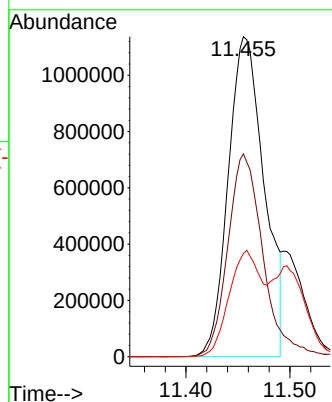
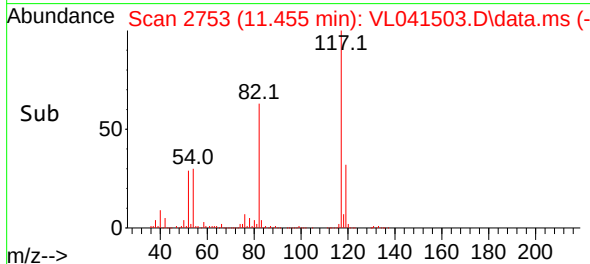
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



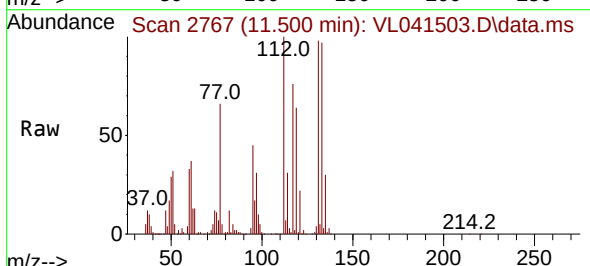
Tgt Ion:117 Resp: 273520
Ion Ratio Lower Upper
117 100
82 62.6 51.0 76.6
119 32.0 45.2 67.8

Manual Integrations
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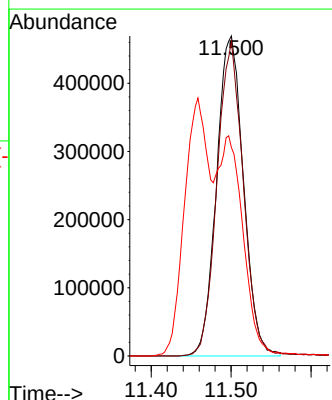
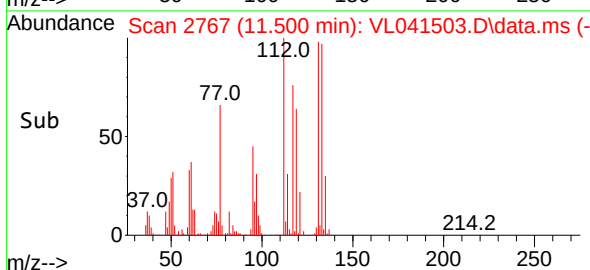
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

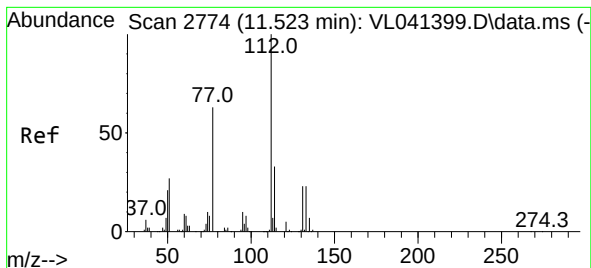


#56
1,1,1,2-Tetrachloroethane
Concen: 10.319 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10



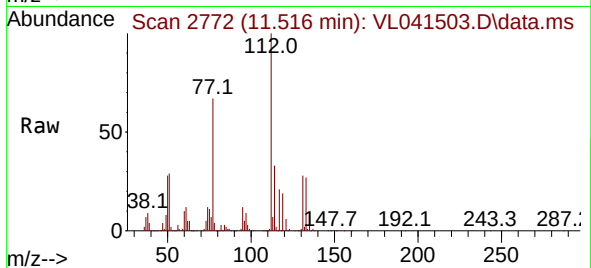
Tgt Ion:131 Resp: 1094554
Ion Ratio Lower Upper
131 100
133 96.2 77.0 115.4
119 61.5 121.5 182.3





#57
Chlorobenzene
Concen: 10.164 ppbv
RT: 11.516 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

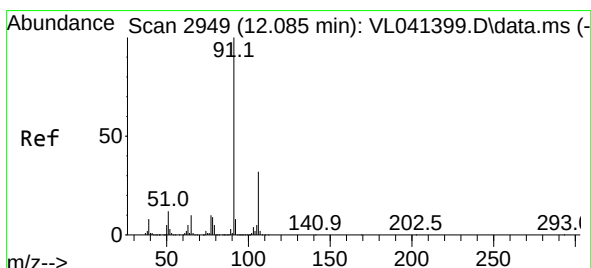
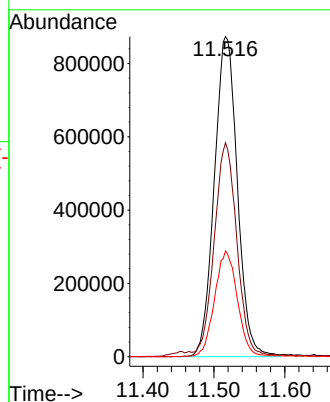
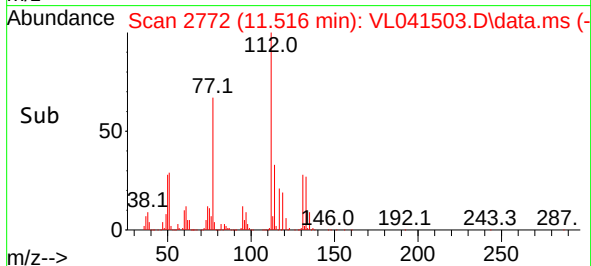
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



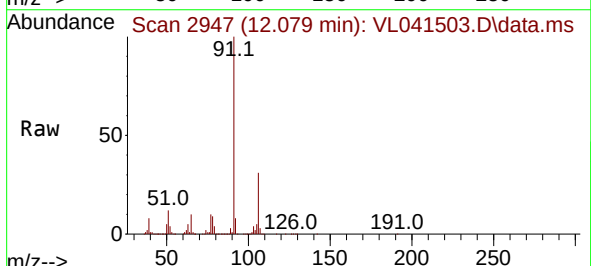
Tgt Ion:112 Resp: 197936
Ion Ratio Lower Upper
112 100
77 66.4 51.1 76.7
114 33.0 29.5 36.1

Manual Integrations
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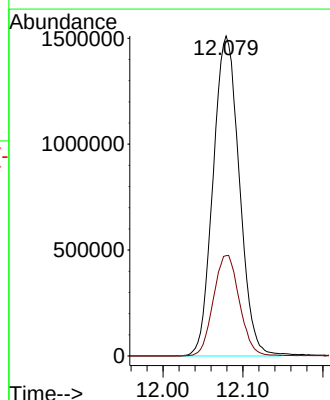
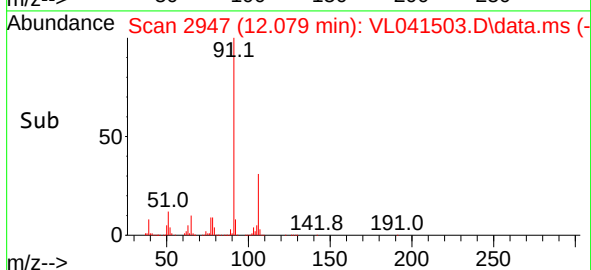
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

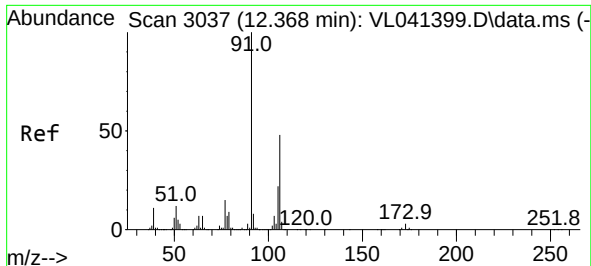


#58
Ethyl Benzene
Concen: 10.912 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. -0.006 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10



Tgt Ion: 91 Resp: 3440262
Ion Ratio Lower Upper
91 100
106 31.4 25.8 38.8





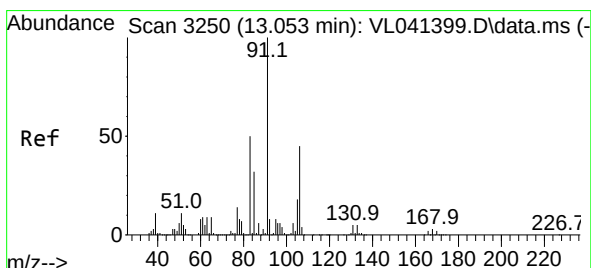
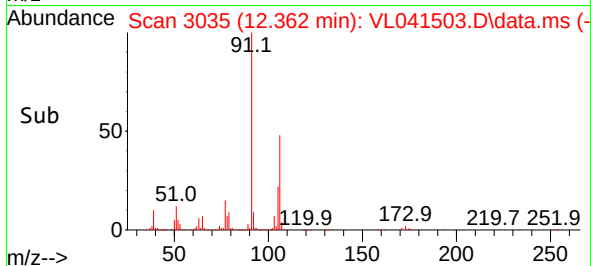
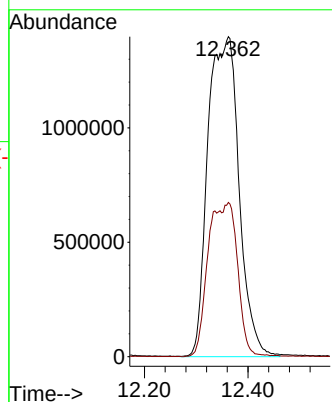
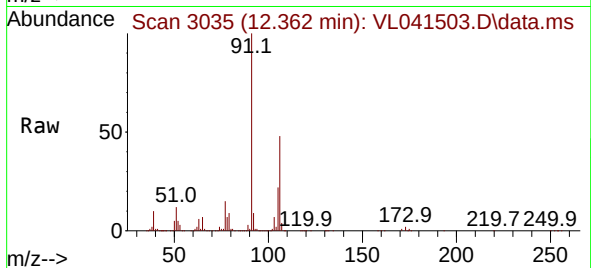
#59
m/p-Xylene
Concen: 21.449 ppbv m
RT: 12.362 min Scan# 3035
Delta R.T. -0.006 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 583746
Ion Ratio Lower Upper
91 100
106 45.6 36.3 54.5

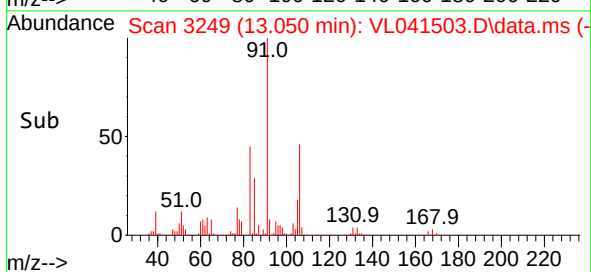
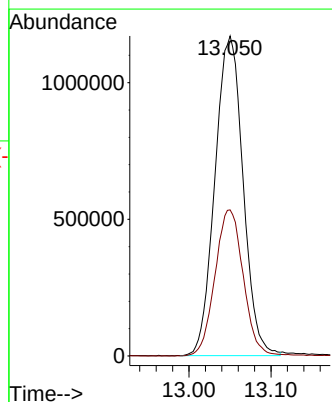
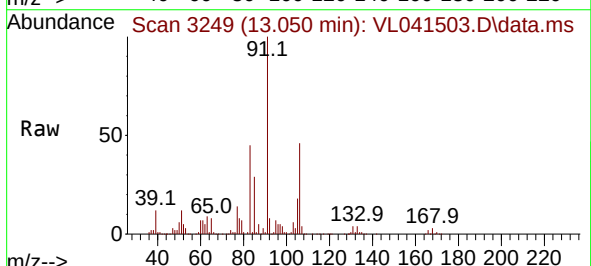
Manual Integrations
APPROVED

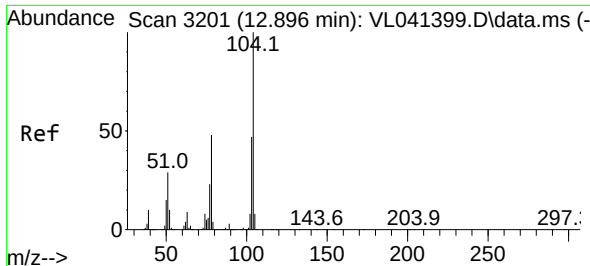
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#60
o-Xylene
Concen: 10.830 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

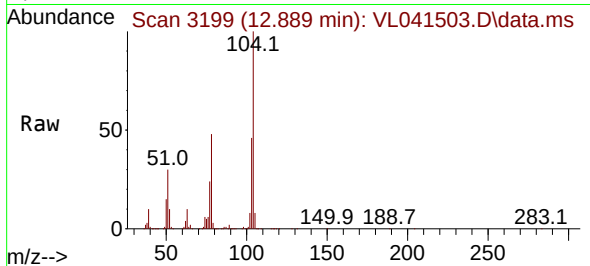
Tgt Ion: 91 Resp: 2788147
Ion Ratio Lower Upper
91 100
106 46.2 23.1 69.3





#61
Styrene
Concen: 11.756 ppbv
RT: 12.889 min Scan# 3199
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

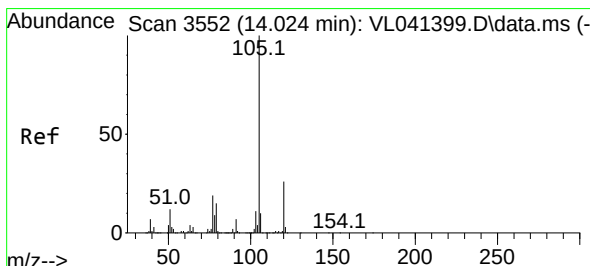
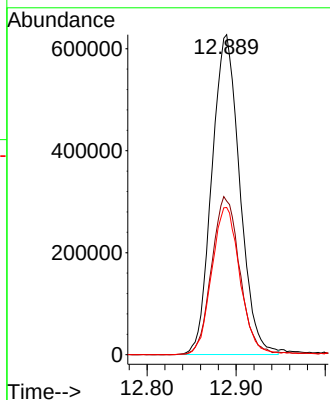
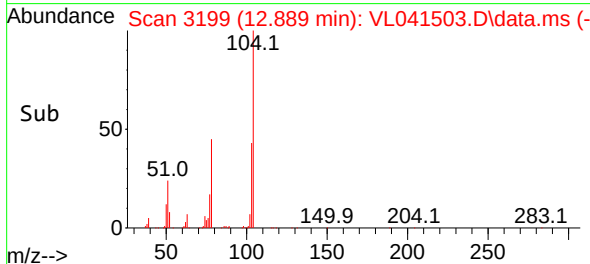
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



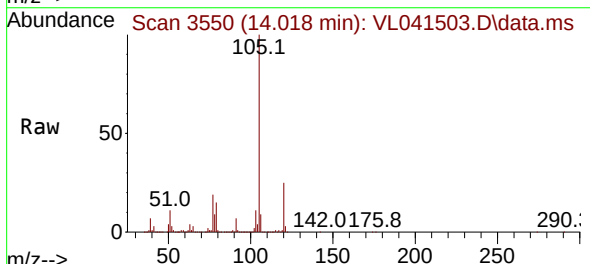
Tgt Ion:104 Resp: 1365378
Ion Ratio Lower Upper
104 100
78 50.4 40.8 61.2
103 47.2 38.2 57.4

Manual Integrations
APPROVED

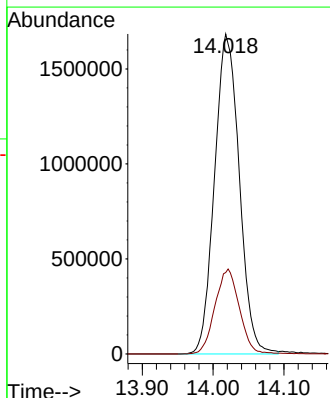
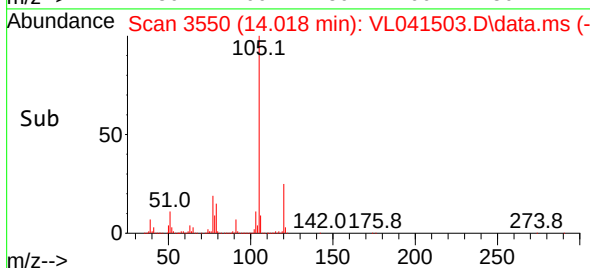
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

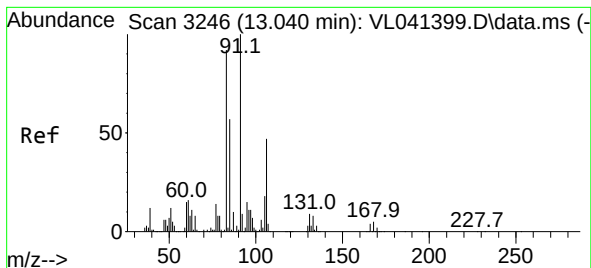


#62
Isopropylbenzene
Concen: 10.439 ppbv
RT: 14.018 min Scan# 3550
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10



Tgt Ion:105 Resp: 4085330
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.4





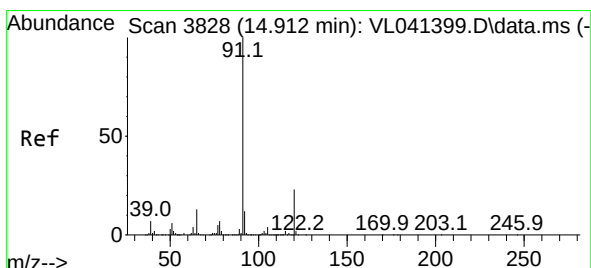
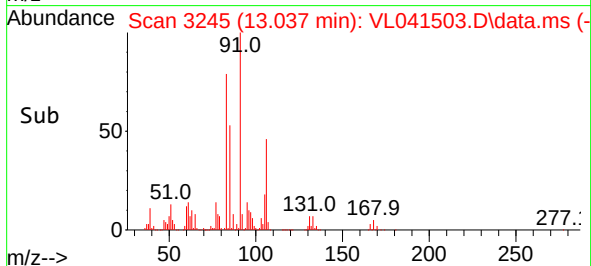
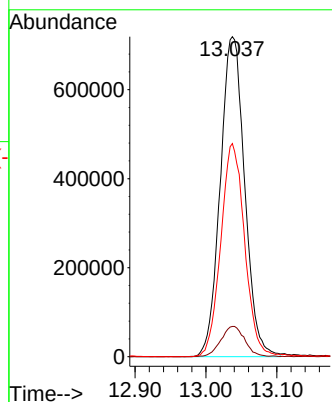
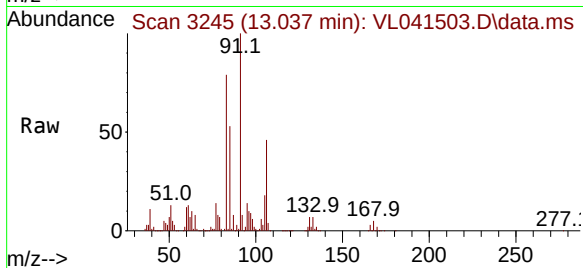
#63
1,1,2,2-Tetrachloroethane
Concen: 10.584 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 172058
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 65.7 32.6 98.0

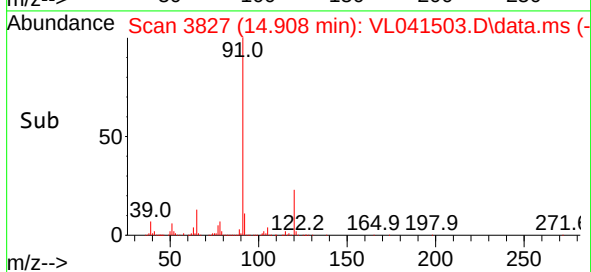
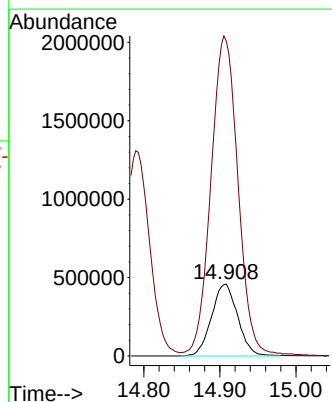
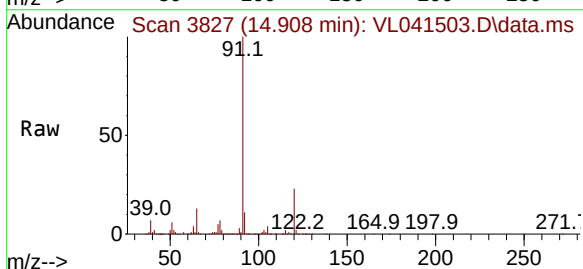
Manual Integrations
APPROVED

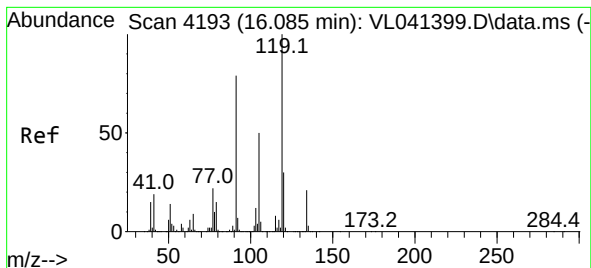
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#64
n-propylbenzene
Concen: 10.687 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

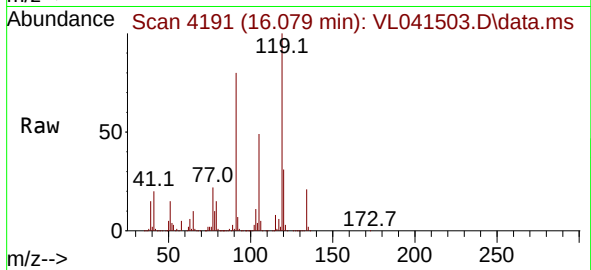
Tgt Ion:120 Resp: 1093524
Ion Ratio Lower Upper
120 100
91 463.6 361.4 542.0





#65
tert-Butylbenzene
Concen: 10.394 ppbv
RT: 16.079 min Scan# 4193
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

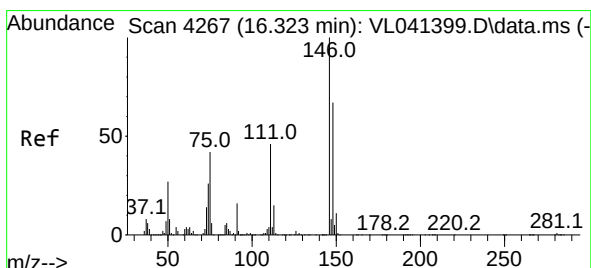
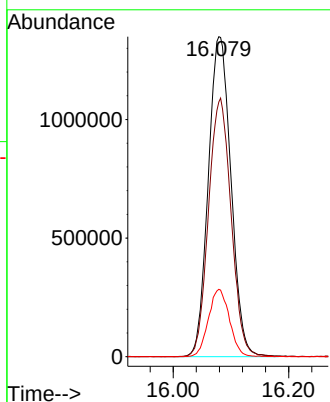
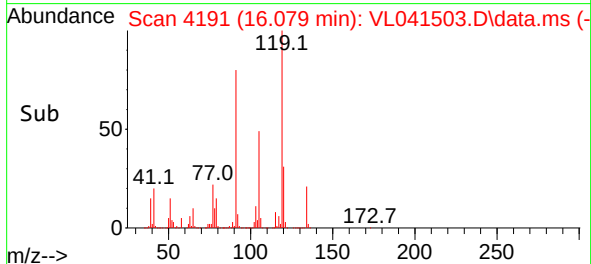
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 119 Resp: 3674350
Ion Ratio Lower Upper
119 100
91 80.5 64.2 96.2
134 19.6 15.7 23.5

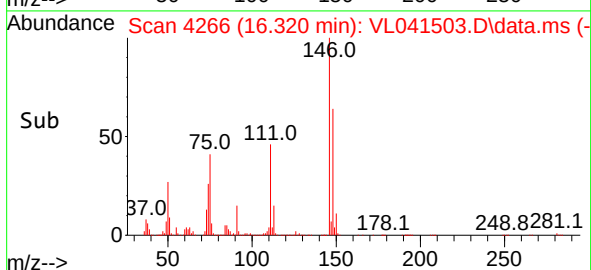
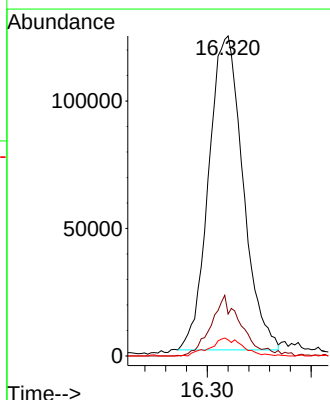
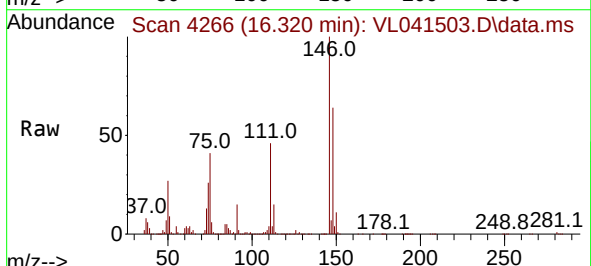
Manual Integrations
APPROVED

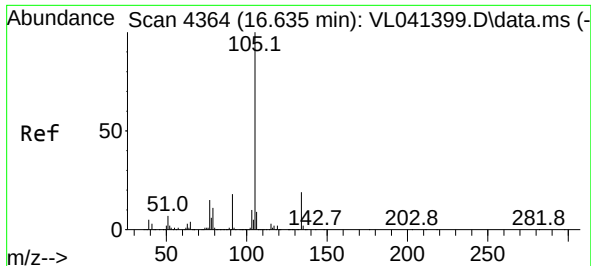
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#66
Benzyl Chloride
Concen: 12.462 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. 0.000 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

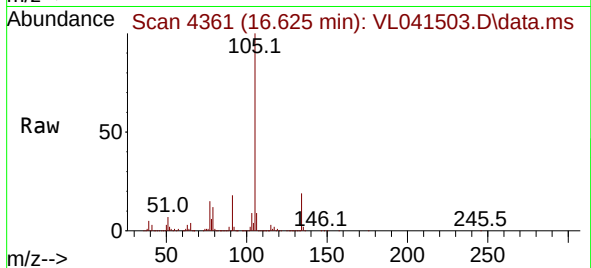
Tgt Ion: 91 Resp: 282565
Ion Ratio Lower Upper
91 100
126 17.6 13.8 20.8
128 5.5 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 10.556 ppbv
 RT: 16.625 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041503.D
 Acq: 8 Aug 2024 8:10

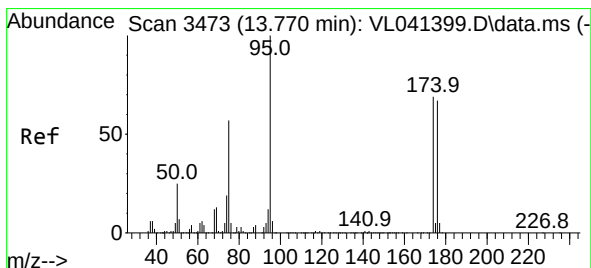
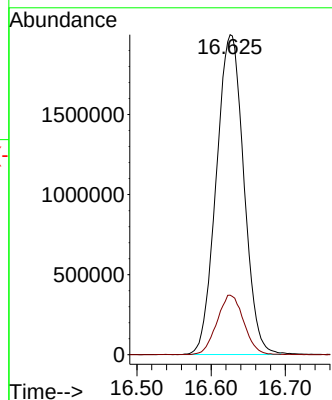
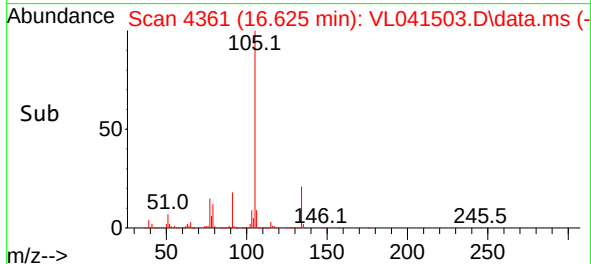
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



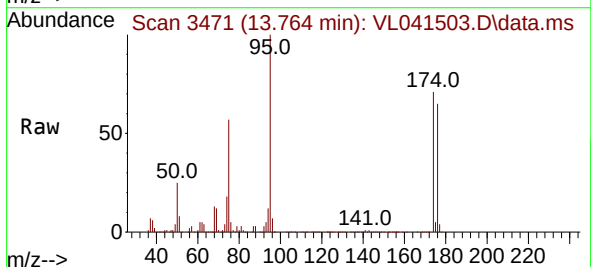
Tgt Ion:105 Resp: 514140
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.5 21.7

Manual Integrations
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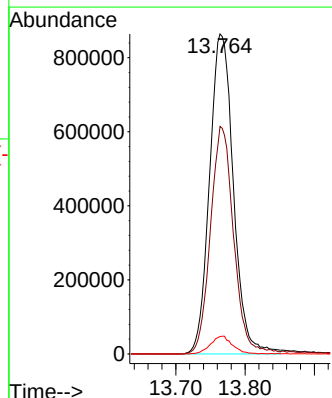
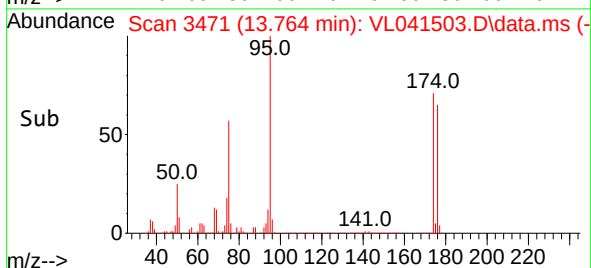
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

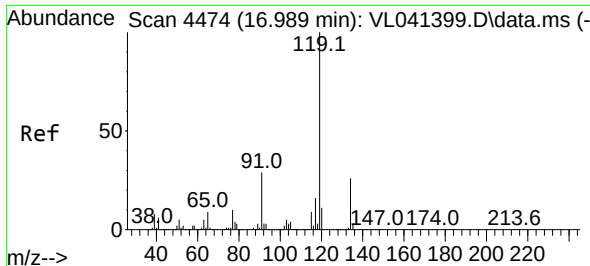


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.809 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. -0.003 min
 Lab File: VL041503.D
 Acq: 8 Aug 2024 8:10



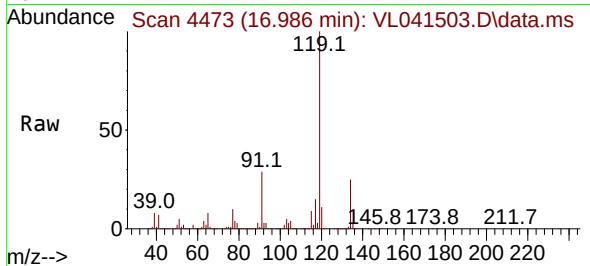
Tgt Ion: 95 Resp: 2064714
 Ion Ratio Lower Upper
 95 100
 174 70.2 56.3 84.5
 175 5.2 4.0 6.0





#69
p-Isopropyltoluene
Concen: 10.683 ppbv
RT: 16.986 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

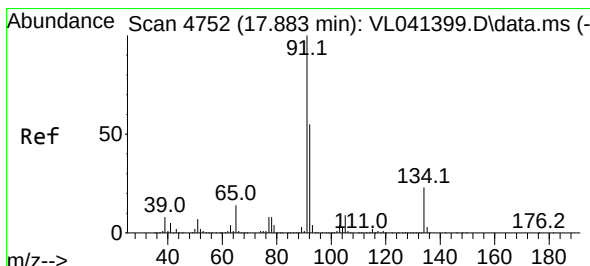
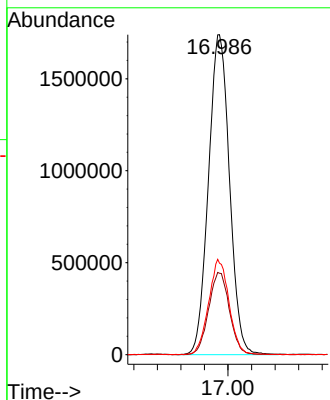
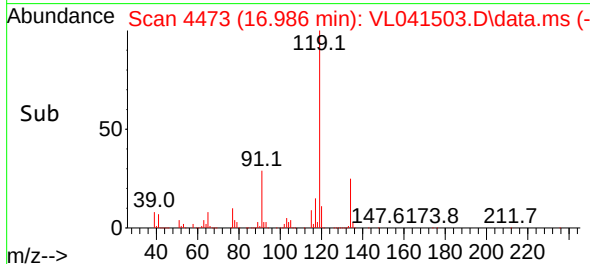
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



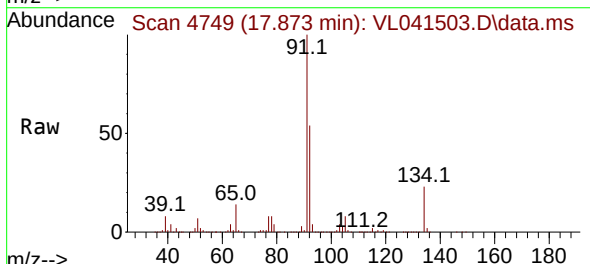
Tgt Ion:119 Resp: 431770
Ion Ratio Lower Upper
119 100
134 25.5 20.5 30.7
91 28.8 23.2 34.8

Manual Integrations
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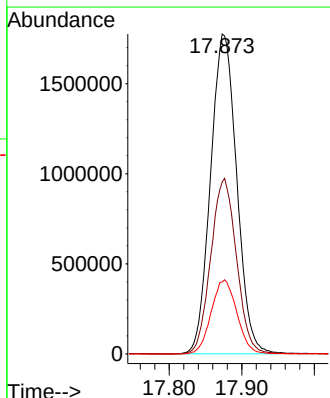
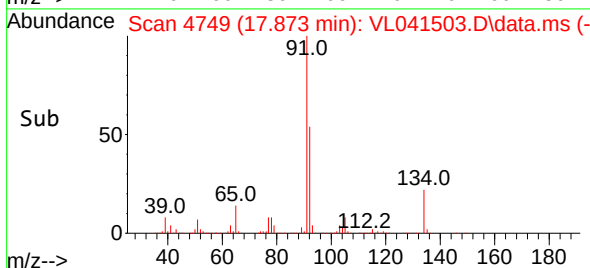
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

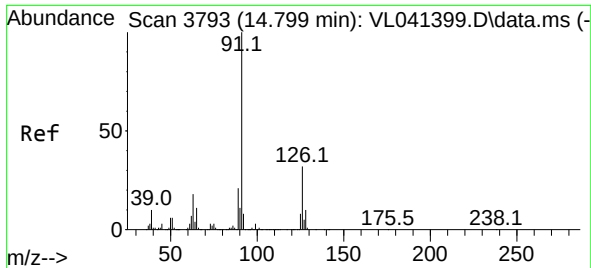


#70
n-Butylbenzene
Concen: 10.740 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. -0.006 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10



Tgt Ion: 91 Resp: 4449977
Ion Ratio Lower Upper
91 100
92 54.0 43.2 64.8
134 22.9 18.5 27.7





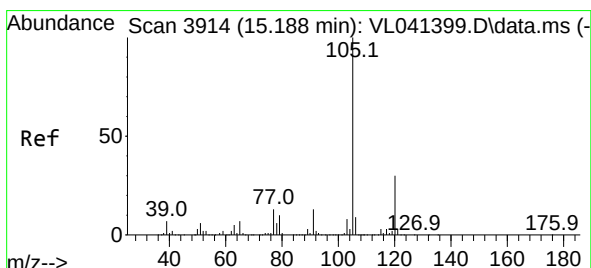
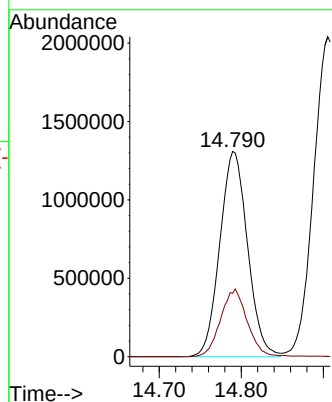
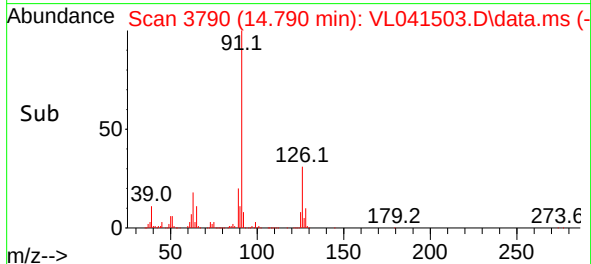
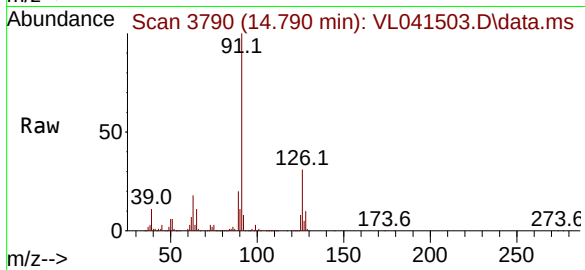
#71
2-Chlorotoluene
Concen: 10.652 ppbv
RT: 14.790 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 307434
Ion Ratio Lower Upper
91 100
126 32.1 12.7 50.9

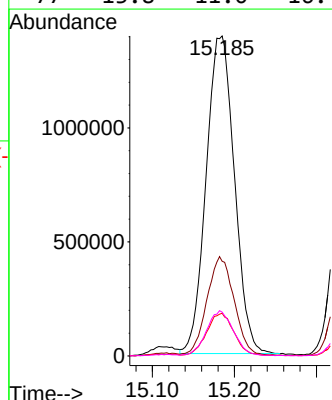
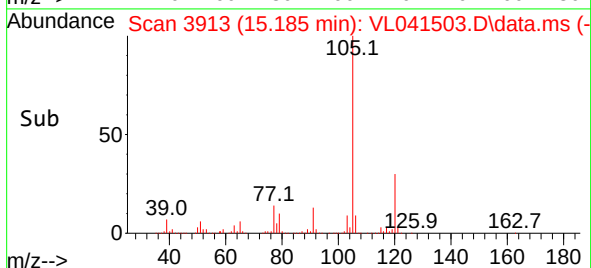
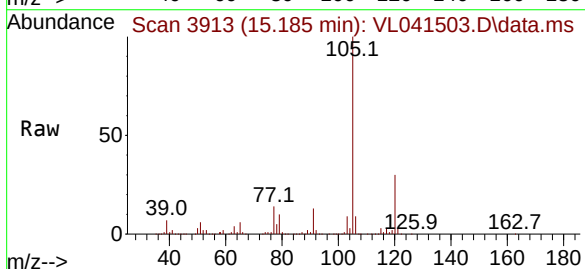
Manual Integrations
APPROVED

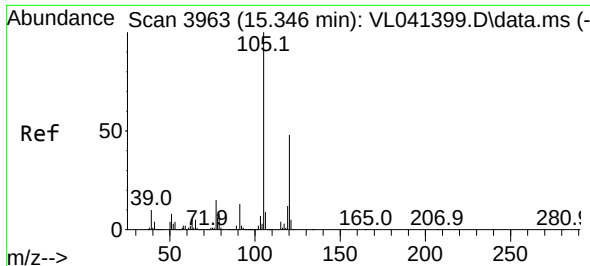
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#72
4-Ethyltoluene
Concen: 11.040 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

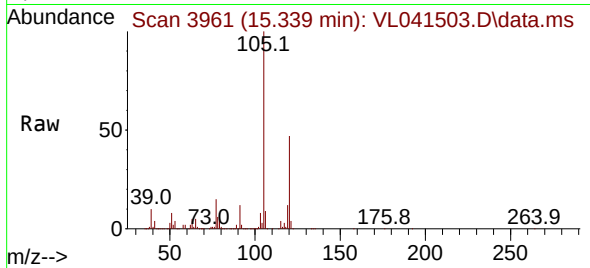
Tgt Ion:105 Resp: 3346091
Ion Ratio Lower Upper
105 100
120 30.4 24.2 36.2
91 12.9 10.4 15.6
77 13.8 11.0 16.4





#73
1,3,5-Trimethylbenzene
Concen: 11.021 ppbv
RT: 15.339 min Scan# 3961
Delta R.T. -0.006 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

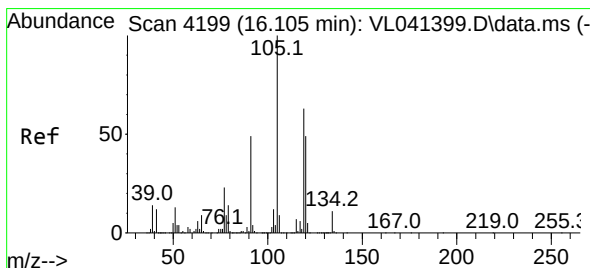
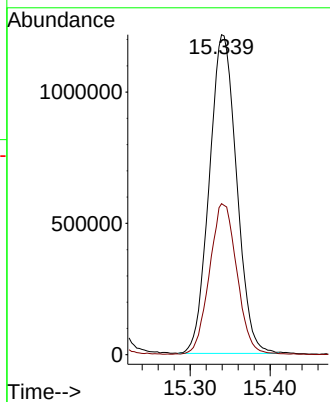
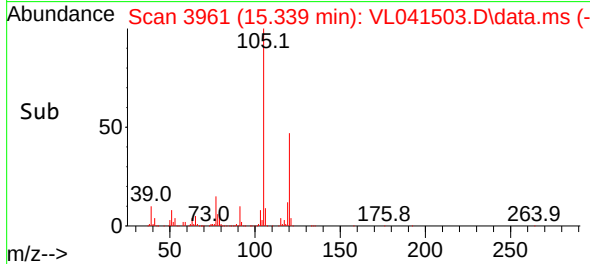
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



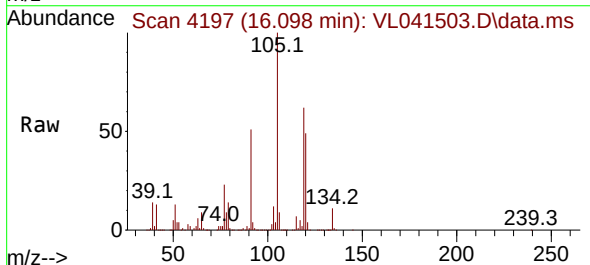
Tgt Ion:105 Resp: 2877672
Ion Ratio Lower Upper
105 100
120 47.2 38.6 57.8

Manual Integrations
APPROVED

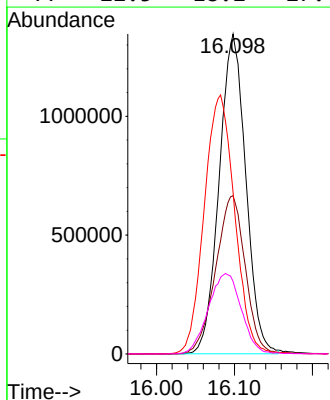
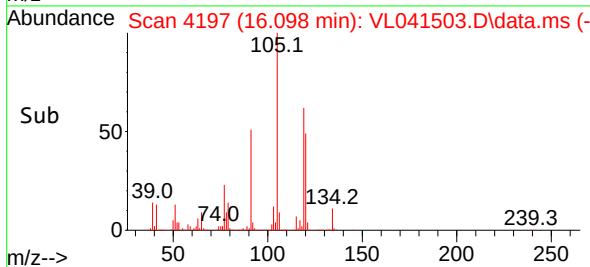
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

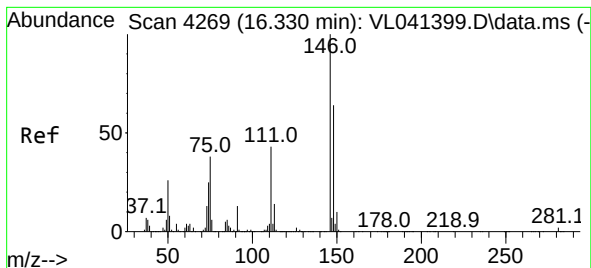


#74
1,2,4-Trimethylbenzene
Concen: 10.519 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10



Tgt Ion:105 Resp: 3193140
Ion Ratio Lower Upper
105 100
120 49.4 39.5 59.3
91 50.0 39.8 59.8
77 22.5 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 10.474 ppbv

RT: 16.317 min Scan# 4311

Delta R.T. -0.006 min

Lab File: VL041503.D

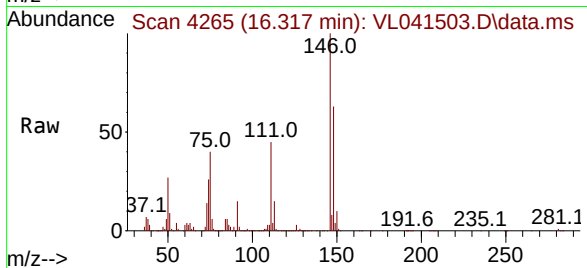
Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:146 Resp: 199864

Ion Ratio Lower Upper

146 100

111 44.9 22.6 67.8

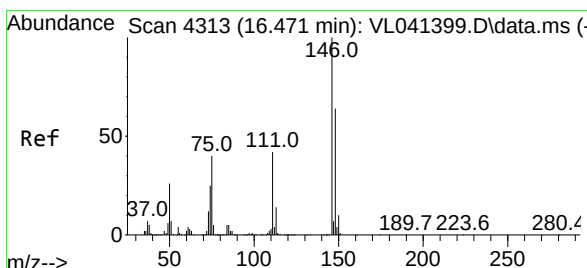
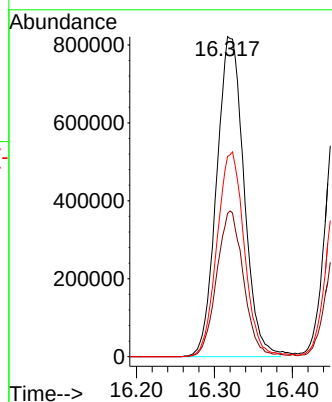
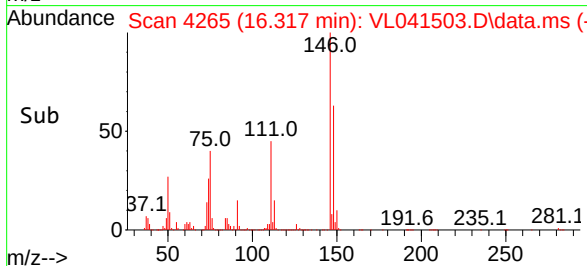
148 64.2 32.3 96.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#76

1,4-Dichlorobenzene

Concen: 10.552 ppbv

RT: 16.465 min Scan# 4311

Delta R.T. 0.000 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

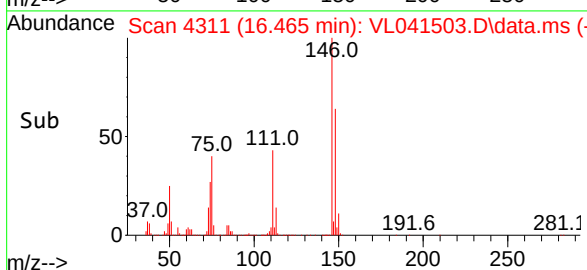
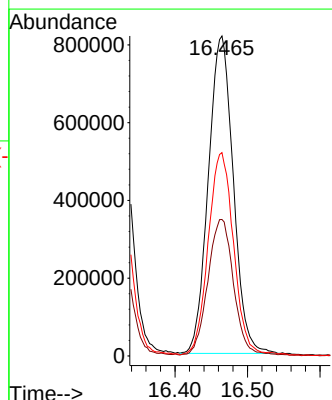
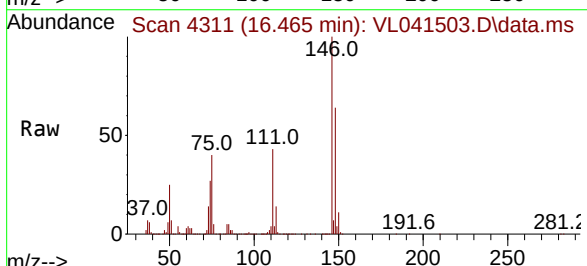
Tgt Ion:146 Resp: 1949765

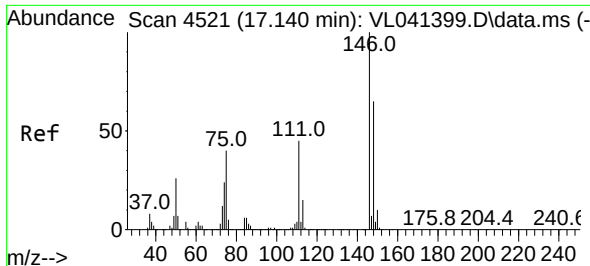
Ion Ratio Lower Upper

146 100

111 44.7 22.4 67.0

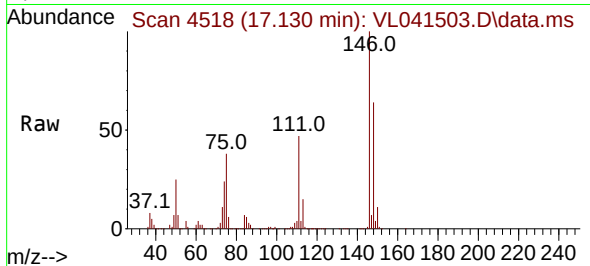
148 65.9 33.1 99.5





#77
1,2-Dichlorobenzene
Concen: 10.222 ppbv
RT: 17.130 min Scan# 4518
Delta R.T. -0.006 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

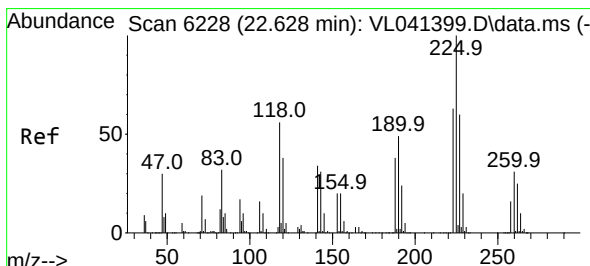
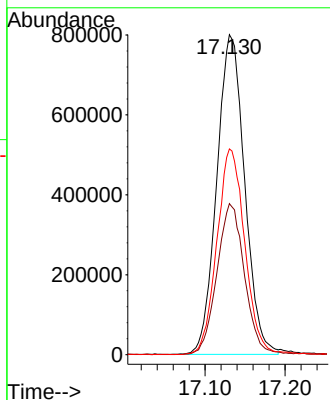
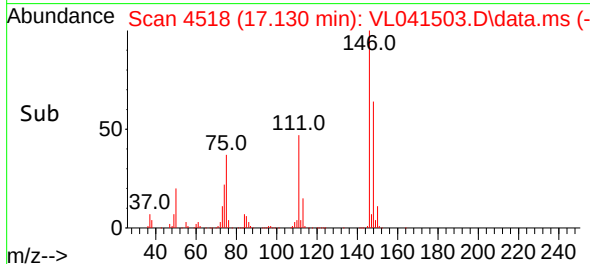
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



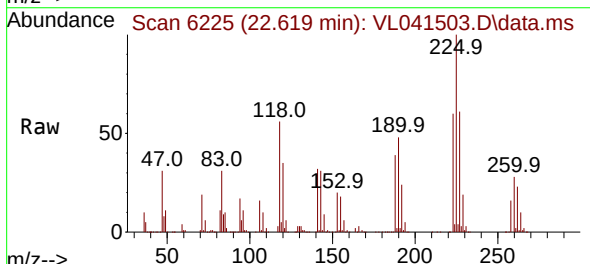
Tgt Ion:146 Resp: 193364
Ion Ratio Lower Upper
146 100
111 47.2 23.4 70.0
148 64.8 32.2 96.6

Manual Integrations
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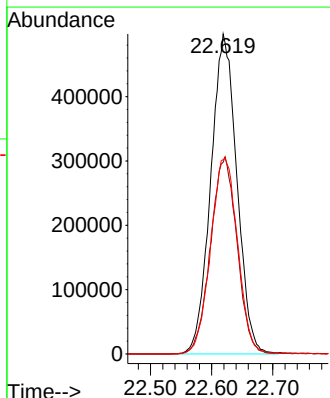
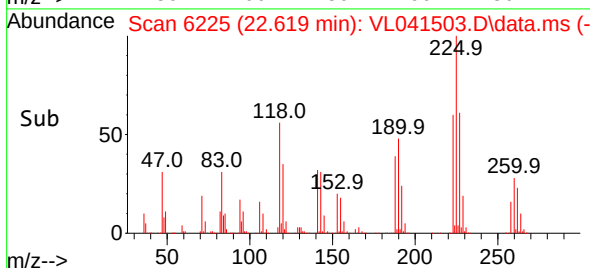
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

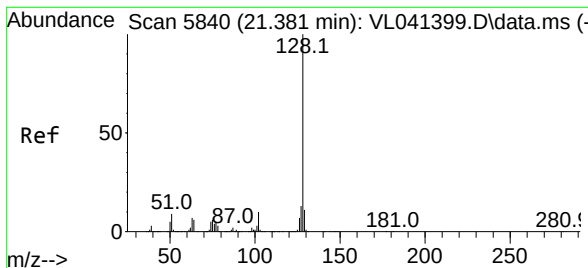


#78
Hexachloro-1,3-Butadiene
Concen: 9.142 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10



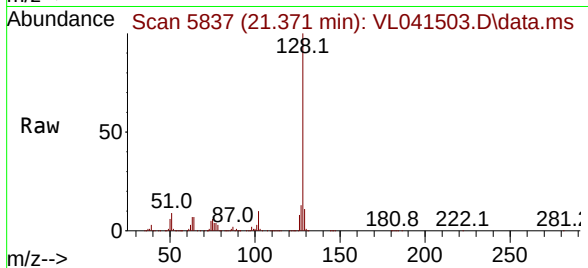
Tgt Ion:225 Resp: 1474762
Ion Ratio Lower Upper
225 100
223 62.8 50.6 76.0
227 63.7 50.8 76.2





#79
Naphthalene
Concen: 12.267 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. 0.000 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

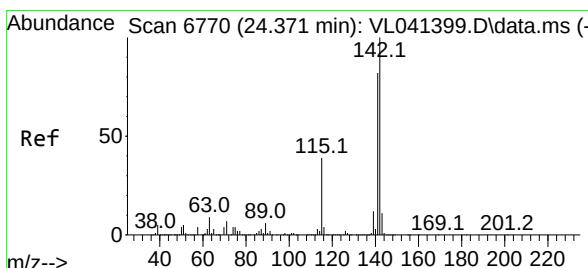
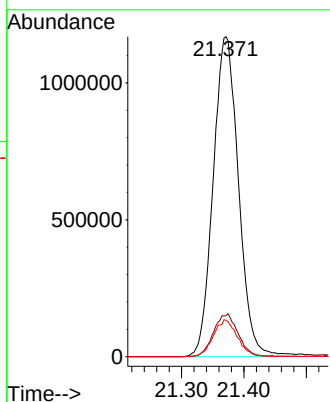
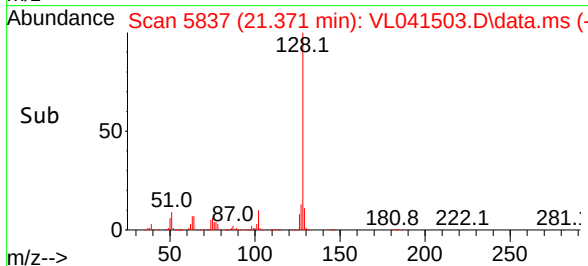
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



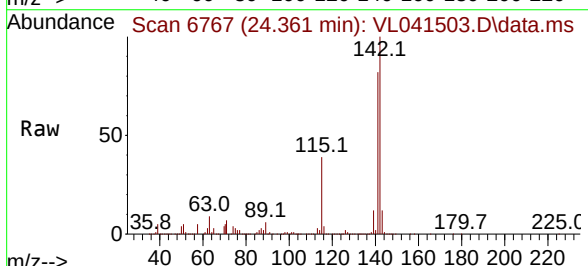
Tgt Ion:128 Resp: 328685
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.3 9.0 13.4

Manual Integrations
APPROVED

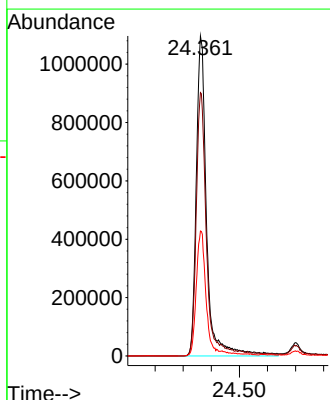
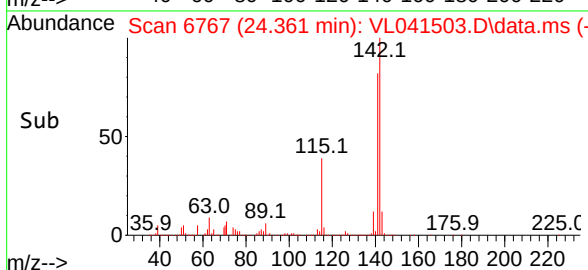
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

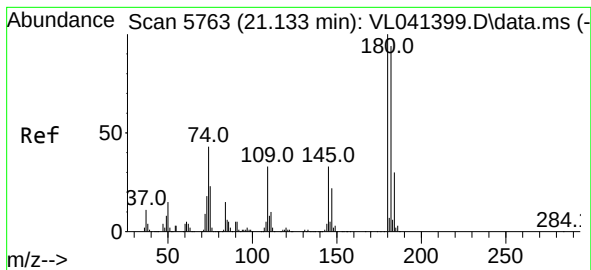


#80
Naphthalene,2-methyl-
Concen: 12.490 ppbv
RT: 24.361 min Scan# 6767
Delta R.T. 0.000 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10



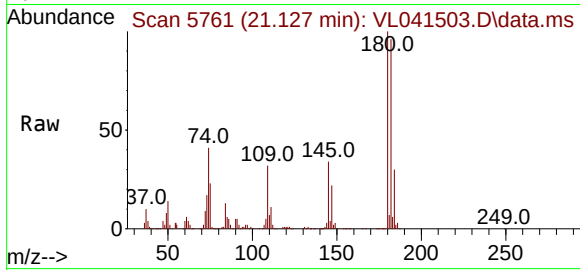
Tgt Ion:142 Resp: 2805169
Ion Ratio Lower Upper
142 100
141 79.9 67.0 100.4
115 38.1 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 10.828 ppbv
 RT: 21.127 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL041503.D
 Acq: 8 Aug 2024 8:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1726520
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.7 115.1
 184 30.8 24.5 36.7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

