

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080524\
 Data File : VL041501.D
 Acq On : 5 Aug 2024 15:32
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Manual Integrations
 APPROVED

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

Quant Time: Aug 06 01:38:21 2024

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

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

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	5.195	49	1062810	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2871493	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2777367m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 2024809 9.473 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.739	85	1258507	6.883	ppbv	100
3) Chlorodifluoromethane	2.684	51	1207816	9.546	ppbv	100
4) Chloromethane	2.822	50	632402	9.398	ppbv	98
5) Vinyl Chloride	2.928	62	637182	9.606	ppbv	98
6) Bromomethane	3.128	94	336641	9.875	ppbv	95
7) Chloroethane	3.205	64	228231	9.970	ppbv	100
8) Dichlorotetrafluoroethane	2.867	85	1532826	9.462	ppbv	99
9) Propene	2.703	41	540947	9.307	ppbv	99
10) Heptane	7.584	43	1350267	10.340	ppbv	100
11) Trichlorofluoromethane	3.568	101	1552232	9.559	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.070	101	1108448	9.480	ppbv	99
13) Ethanol	3.253	45	38280m	7.369	ppbv	
14) Bromoethene	3.372	108	459384	10.078	ppbv	99
15) Acetone	3.475	43	1135900	9.406	ppbv	100
16) 1,3-Butadiene	2.993	39	623616	9.666	ppbv	99
17) tert-Butyl alcohol	3.883	59	1146447	10.410	ppbv	100
18) 1,1-Dichloroethene	3.886	96	497709	9.951	ppbv	100
19) Isopropyl Alcohol	3.581	45	678576	9.612	ppbv #	97
20) Methylene Chloride	3.938	84	429936	9.548	ppbv	98
21) Allyl Chloride	4.002	41	774586	9.781	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	493428	9.866	ppbv	99
23) Vinyl Acetate	4.629	43	979409	10.620	ppbv #	98
24) 1,1-Dichloroethane	4.568	63	1051048	9.679	ppbv	100
25) Ethyl Acetate	5.208	43	2437212	10.159	ppbv	99
26) Hexane	5.218	57	1019915	10.249	ppbv	99
27) Carbon Disulfide	4.131	76	1167864	10.031	ppbv	100
28) Methyl tert-Butyl Ether	4.594	73	595733	9.492	ppbv	99
29) Chloroform	5.282	83	1566002	9.647	ppbv	98
30) Cyclohexane	6.603	84	881458	10.877	ppbv	97
31) cis-1,2-Dichloroethene	5.083	61	974229	9.910	ppbv	98
32) 1,1,1-Trichloroethane	6.009	97	1542620	9.763	ppbv	100
34) 2-Butanone	4.790	43	1457672	10.494	ppbv	100
35) Carbon Tetrachloride	6.497	117	1634027	10.317	ppbv	99
36) Benzene	6.375	78	2145140	10.224	ppbv	99
37) 1,2-Dichloroethane	5.812	62	1198946	10.209	ppbv	100
38) Trichloroethene	7.295	130	1008526	10.492	ppbv	96
39) 1,2-Dichloropropane	7.076	63	822920	10.244	ppbv	98
40) 1,4-Dioxane	7.288	88	308350	9.556	ppbv	70
41) Tetrahydrofuran	5.558	42	856663	10.783	ppbv	99
42) Bromodichloromethane	7.256	83	1721589	10.153	ppbv	99
43) Methyl Methacrylate	7.478	69	859779	11.427	ppbv	99
44) 2,2,4-Trimethylpentane	7.330	57	3616874	10.321	ppbv	100
45) t-1,3-Dichloropropene	8.713	75	862518	12.455	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080524\
 Data File : VL041501.D
 Acq On : 5 Aug 2024 15:32
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 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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

Quant Time: Aug 06 01:38:21 2024

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

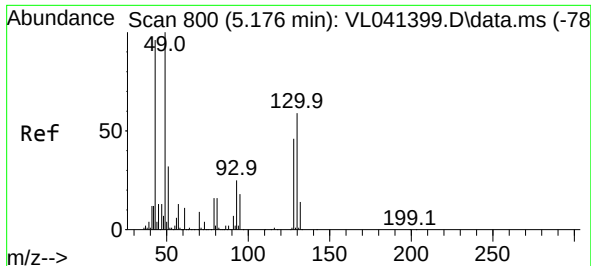
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

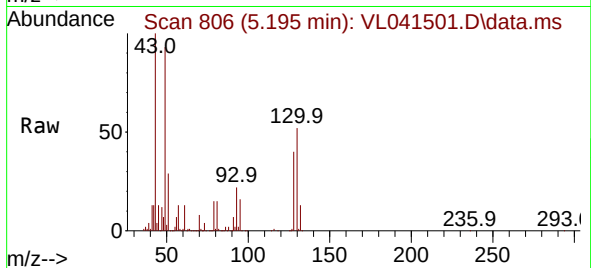
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	1176381	11.763	ppbv	96
47) 1,1,2-Trichloroethane	8.902	97	895437	10.113	ppbv	97
48) Dibromochloromethane	9.713	129	1489985	10.445	ppbv	100
49) Bromoform	12.413	173	1309948	10.871	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2395955	10.933	ppbv	100
51) 2-Hexanone	9.552	43	1958657	11.820	ppbv #	99
52) Tetrachloroethene	10.619	164	817587	10.084	ppbv	99
53) Toluene	9.227	91	2521227	10.788	ppbv	100
54) 1,2-Dibromoethane	10.012	107	1299818	11.029	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.513	131	1098631	10.200	ppbv #	57
57) Chlorobenzene	11.532	112	1969123	9.958	ppbv	99
58) Ethyl Benzene	12.092	91	3416674	10.673	ppbv	98
59) m/p-Xylene	12.378	91	5827239m	21.087	ppbv	
60) o-Xylene	13.063	91	2776012	10.619	ppbv	100
61) Styrene	12.902	104	1372403	11.637	ppbv	98
62) Isopropylbenzene	14.034	105	4057993	10.211	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.050	83	1688321	10.228	ppbv	99
64) n-propylbenzene	14.918	120	1076976	10.366	ppbv	94
65) tert-Butylbenzene	16.092	119	3668677	10.220	ppbv	100
66) Benzyl Chloride	16.326	91	289538	12.576	ppbv	98
67) sec-Butylbenzene	16.638	105	5109400	10.331	ppbv	100
69) p-Isopropyltoluene	16.998	119	4320207	10.527	ppbv	100
70) n-Butylbenzene	17.889	91	4442990	10.561	ppbv	100
71) 2-Chlorotoluene	14.806	91	3033544	10.351	ppbv	99
72) 4-Ethyltoluene	15.198	105	3337124	10.843	ppbv	99
73) 1,3,5-Trimethylbenzene	15.355	105	2882009	10.870	ppbv	99
74) 1,2,4-Trimethylbenzene	16.111	105	3211840	10.420	ppbv	98
75) 1,3-Dichlorobenzene	16.336	146	1988978	10.265	ppbv	100
76) 1,4-Dichlorobenzene	16.478	146	1938595	10.332	ppbv	100
77) 1,2-Dichlorobenzene	17.146	146	1934600	10.071	ppbv	100
78) Hexachloro-1,3-Butadiene	22.635	225	1483142	9.054	ppbv	99
79) Naphthalene	21.384	128	3290255	12.093	ppbv	100
80) Naphthalene,2-methyl-	24.374	142	2826370	12.393	ppbv	99
81) 1,2,4-Trichlorobenzene	21.143	180	1729097	10.680	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

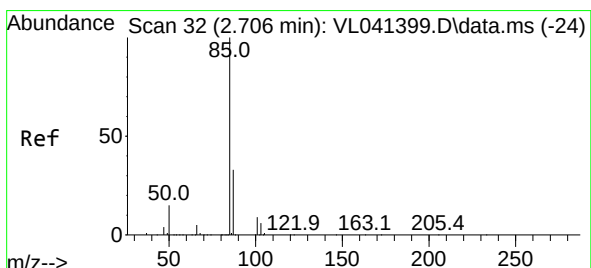
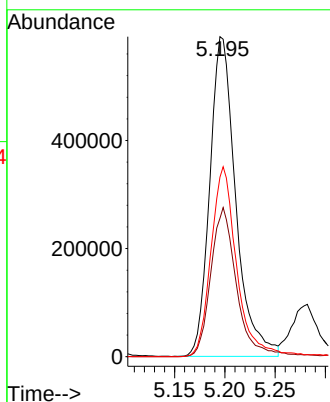
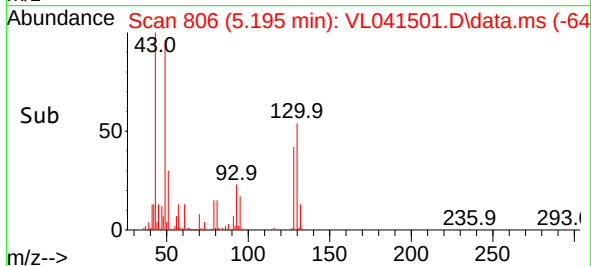
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 1062810
Ion Ratio Lower Upper
49 100
128 46.8 23.8 71.4
130 59.9 30.8 92.4

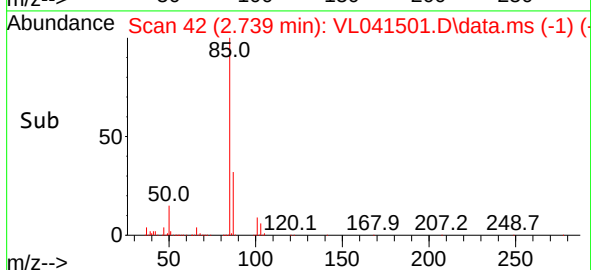
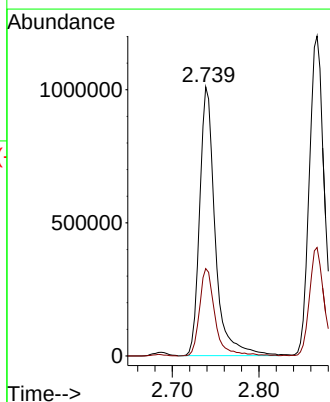
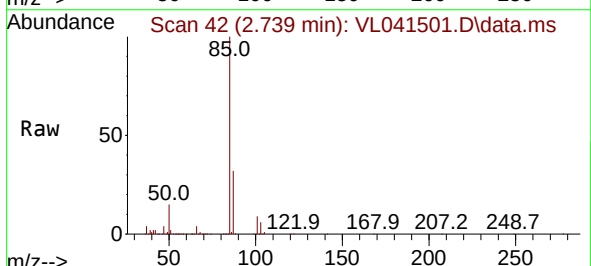
Manual Integrations
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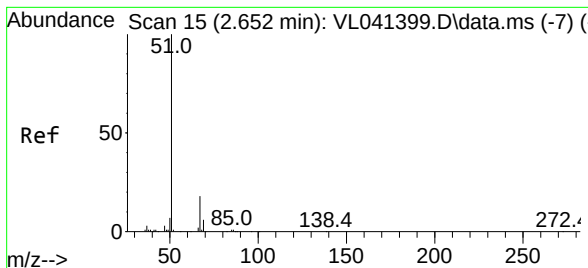
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#2
Dichlorodifluoromethane
Concen: 6.883 ppbv
RT: 2.739 min Scan# 42
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

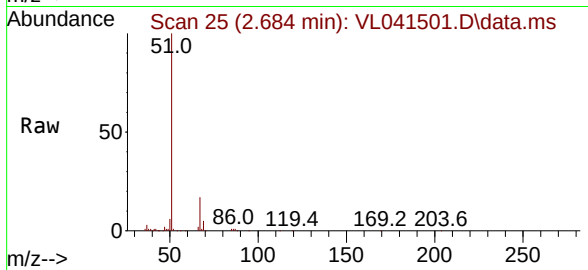
Tgt Ion: 85 Resp: 1258507
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0





#3
Chlorodifluoromethane
Concen: 9.546 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

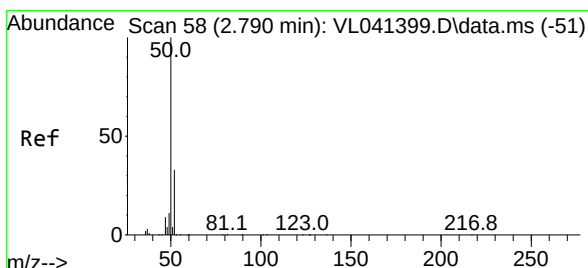
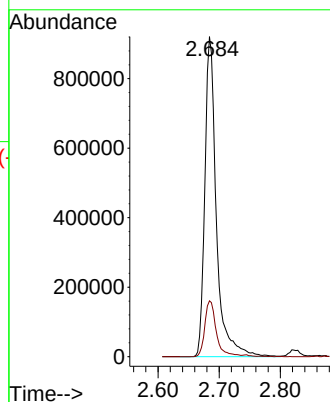
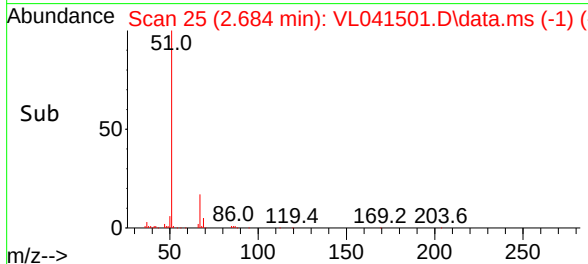
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 1207810
Ion Ratio Lower Upper
51 100
67 18.0 14.5 21.7

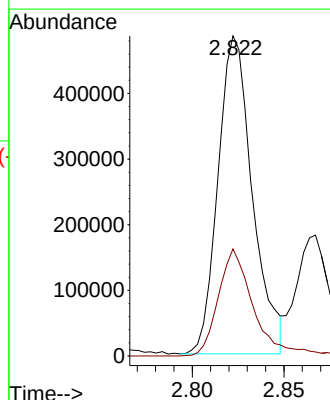
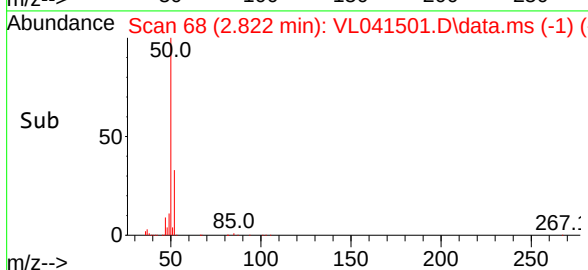
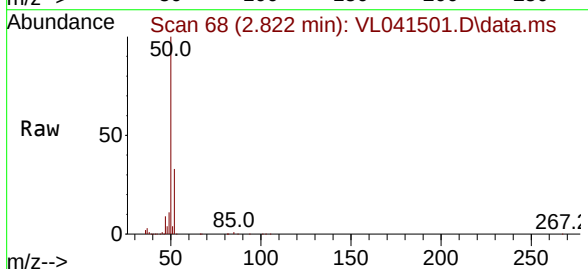
Manual Integrations
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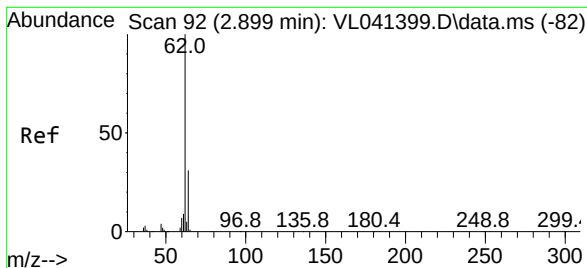
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#4
Chloromethane
Concen: 9.398 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

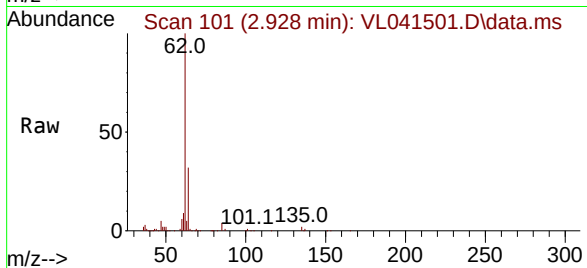
Tgt Ion: 50 Resp: 632402
Ion Ratio Lower Upper
50 100
52 33.8 26.1 39.1





#5
 Vinyl Chloride
 Concen: 9.606 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.007 min
 Lab File: VL041501.D
 Acq: 5 Aug 2024 15:32

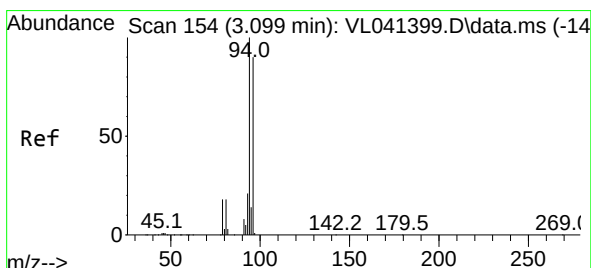
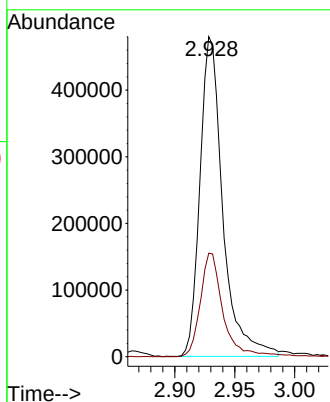
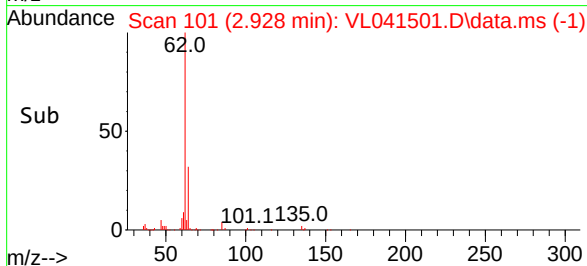
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



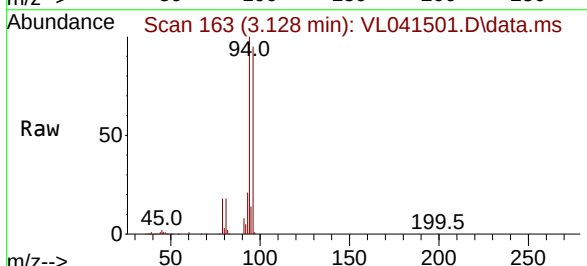
Tgt Ion: 62 Resp: 63718
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.0 37.4

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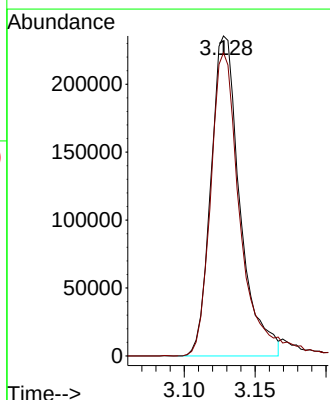
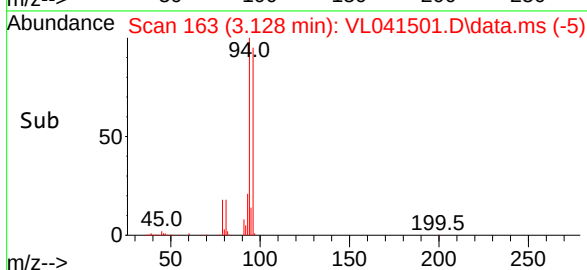
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

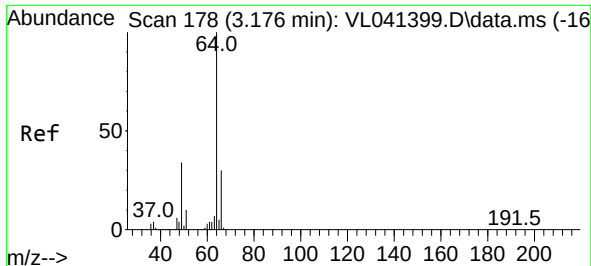


#6
 Bromomethane
 Concen: 9.875 ppbv
 RT: 3.128 min Scan# 163
 Delta R.T. 0.007 min
 Lab File: VL041501.D
 Acq: 5 Aug 2024 15:32



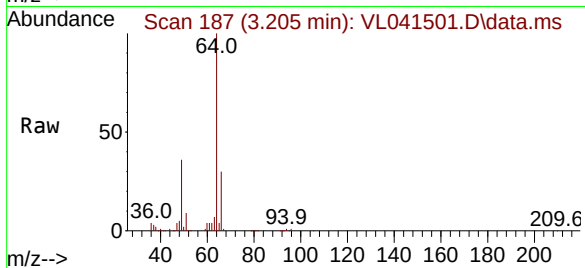
Tgt Ion: 94 Resp: 336641
 Ion Ratio Lower Upper
 94 100
 96 94.7 72.3 108.5





#7
Chloroethane
Concen: 9.970 ppbv
RT: 3.205 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

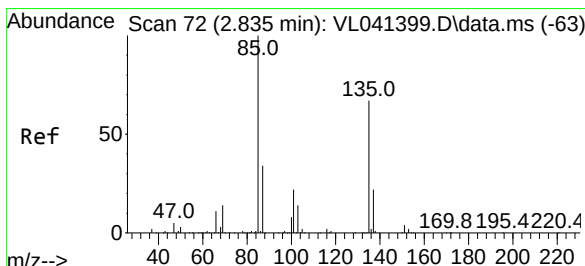
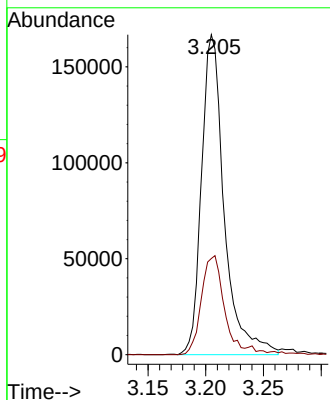
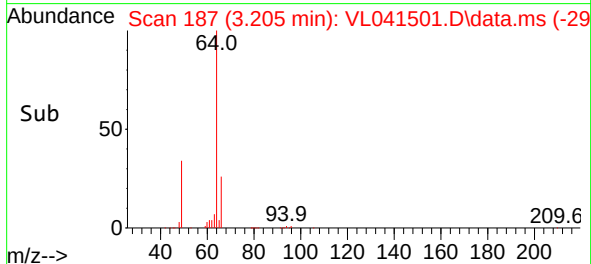
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 22823
Ion Ratio Lower Upper
64 100
66 30.1 24.2 36.2

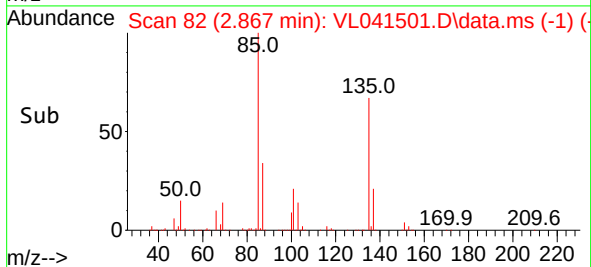
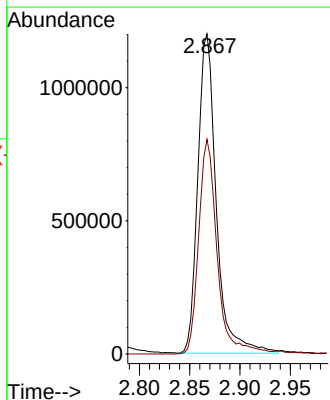
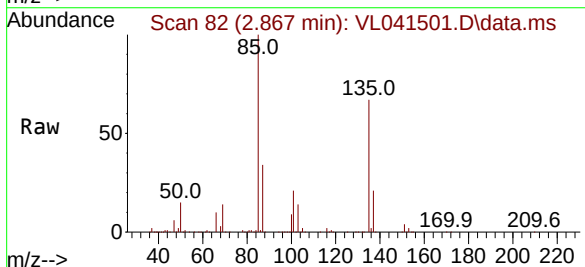
Manual Integrations
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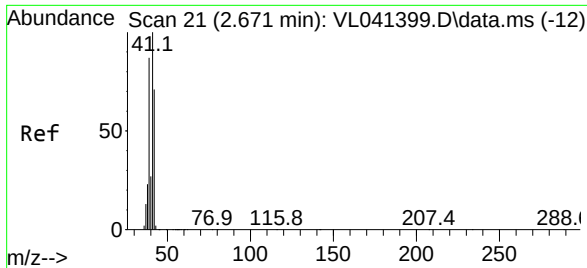
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#8
Dichlorotetrafluoroethane
Concen: 9.462 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Tgt Ion: 85 Resp: 1532826
Ion Ratio Lower Upper
85 100
135 68.1 55.4 83.0





#9

Propene

Concen: 9.307 ppbv

RT: 2.703 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 54094

Ion Ratio Lower Upper

41 100

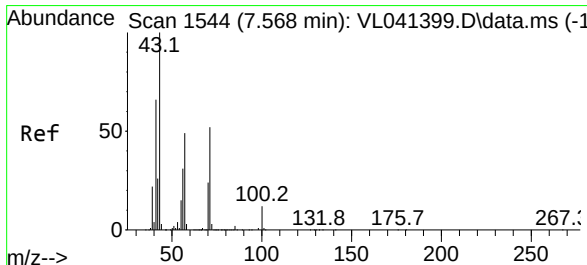
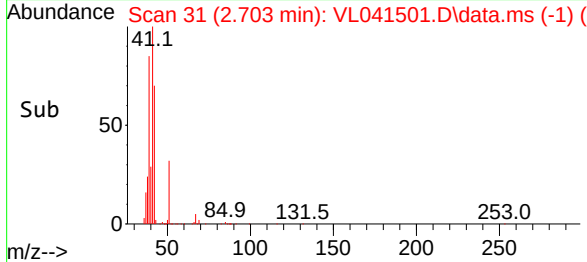
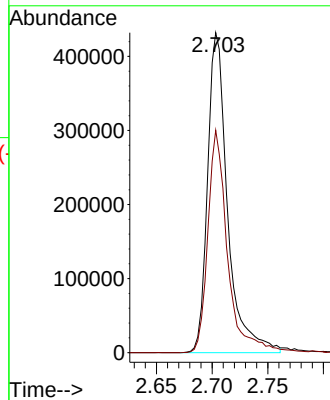
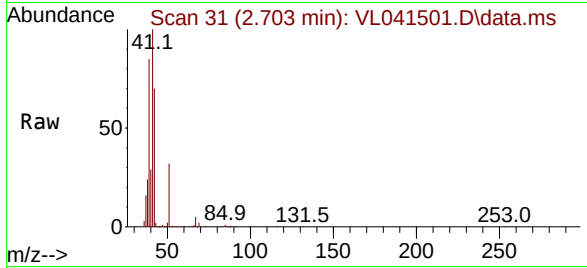
42 69.2 55.9 83.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#10

Heptane

Concen: 10.340 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. 0.010 min

Lab File: VL041501.D

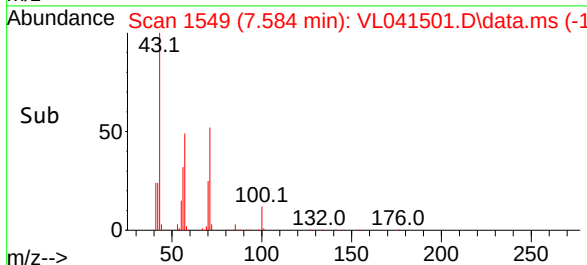
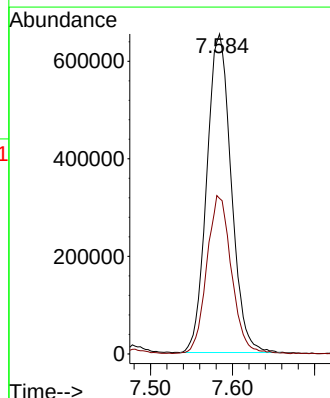
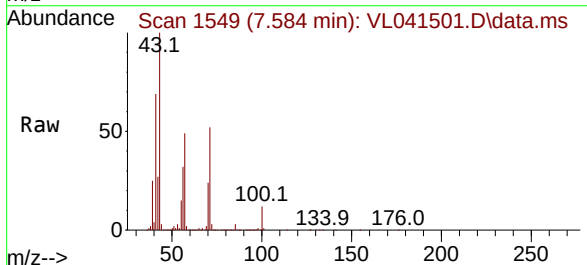
Acq: 5 Aug 2024 15:32

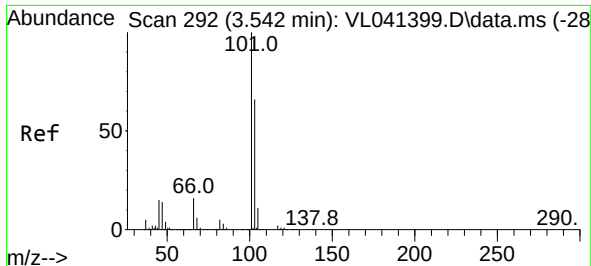
Tgt Ion: 43 Resp: 1350267

Ion Ratio Lower Upper

43 100

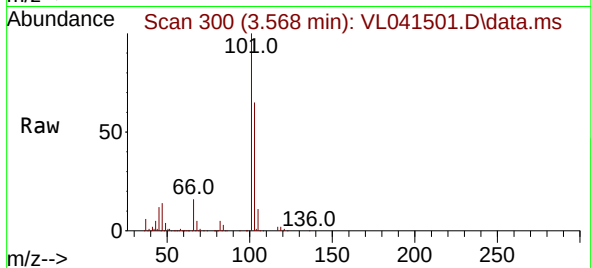
57 50.6 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 9.559 ppbv
 RT: 3.568 min Scan# 30
 Delta R.T. 0.007 min
 Lab File: VL041501.D
 Acq: 5 Aug 2024 15:32

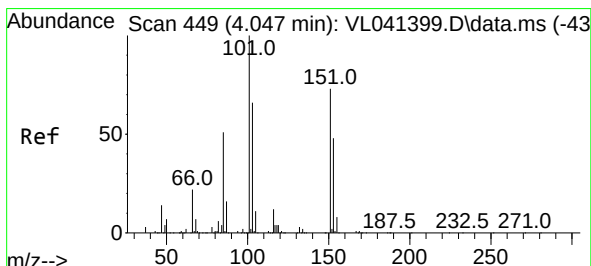
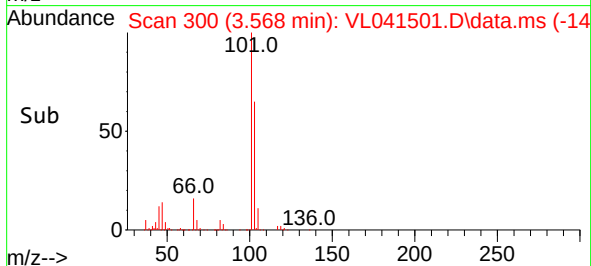
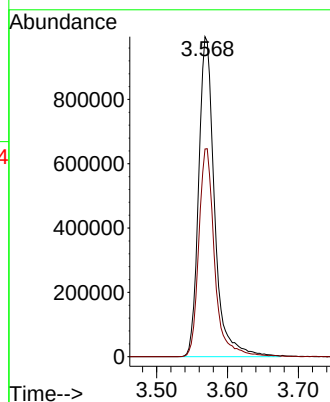
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:101 Resp: 155223
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.6 79.0

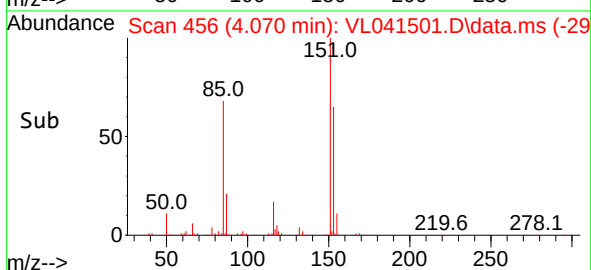
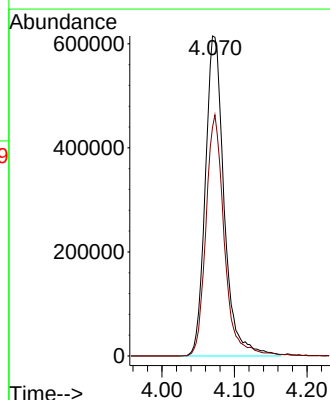
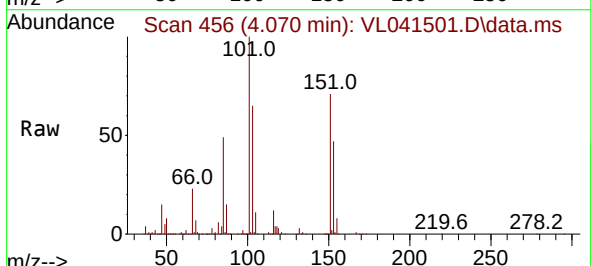
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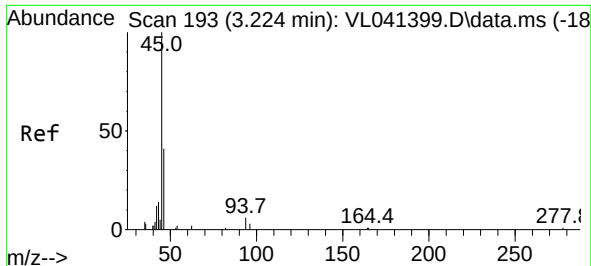
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.480 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. 0.007 min
 Lab File: VL041501.D
 Acq: 5 Aug 2024 15:32

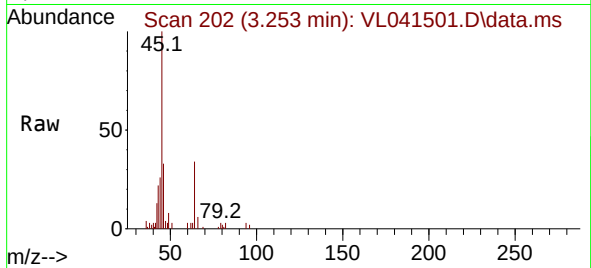
Tgt Ion:101 Resp: 1108448
 Ion Ratio Lower Upper
 101 100
 151 73.8 59.4 89.2





#13
Ethanol
Concen: 7.369 ppbv m
RT: 3.253 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

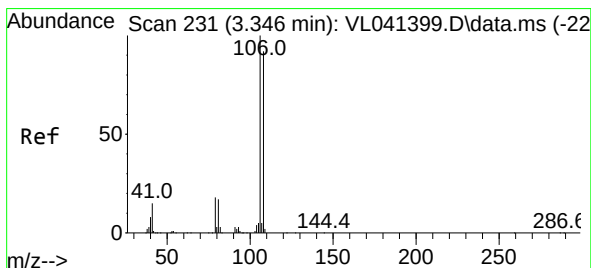
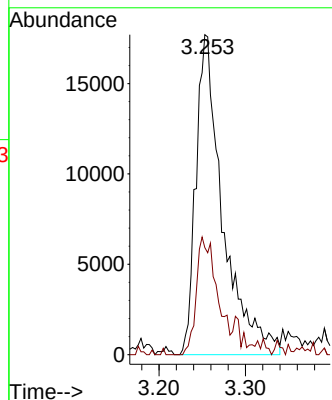
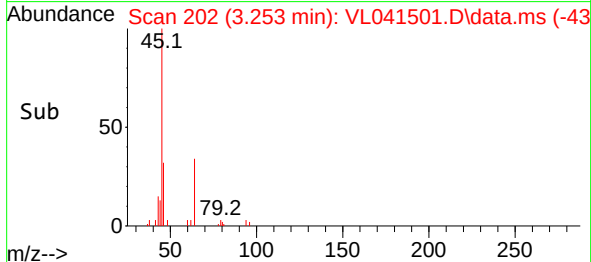
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



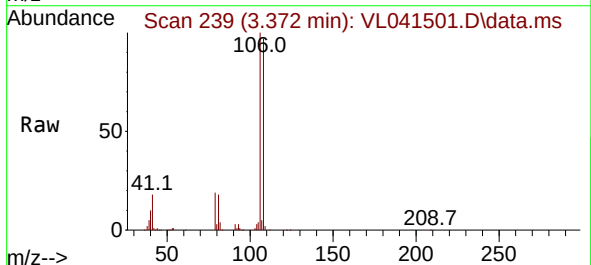
Tgt Ion: 45 Resp: 38280
Ion Ratio Lower Upper
45 100
46 32.2 13.4 53.4

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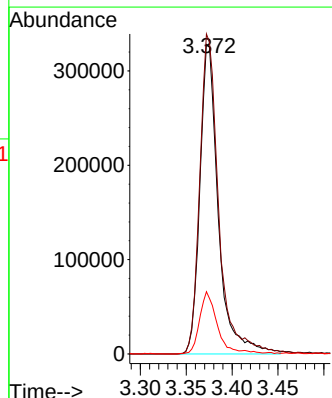
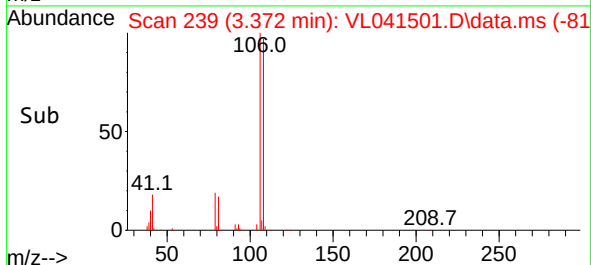
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

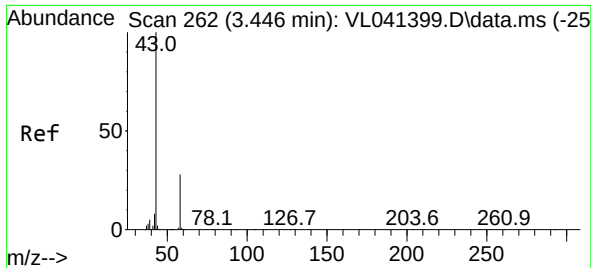


#14
Bromoethene
Concen: 10.078 ppbv
RT: 3.372 min Scan# 239
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32



Tgt Ion:108 Resp: 459384
Ion Ratio Lower Upper
108 100
106 107.0 86.9 130.3
79 20.3 16.2 24.4





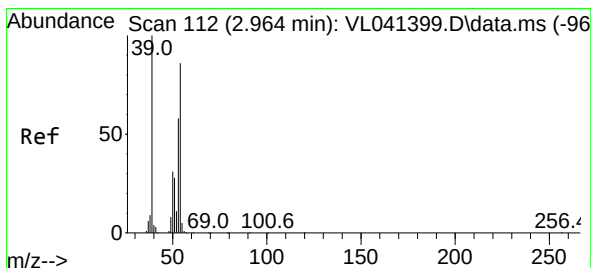
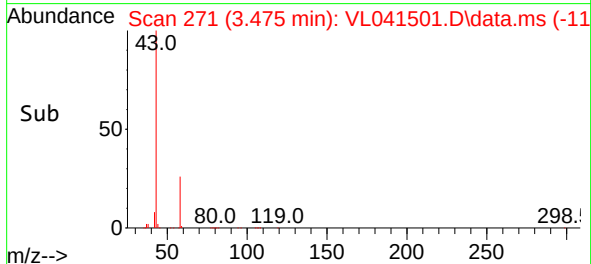
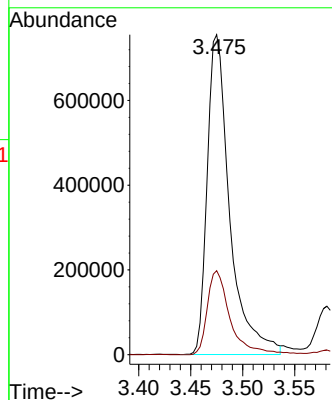
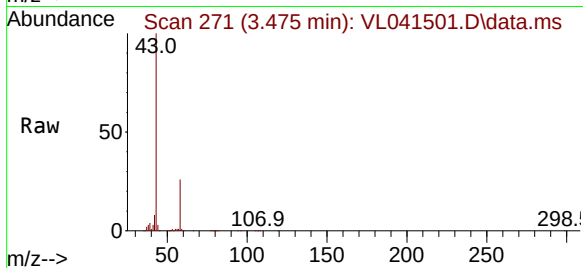
#15
Acetone
Concen: 9.406 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1135900
Ion Ratio Lower Upper
43 100
58 27.0 21.4 32.2

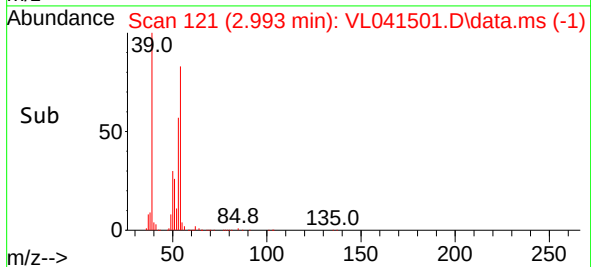
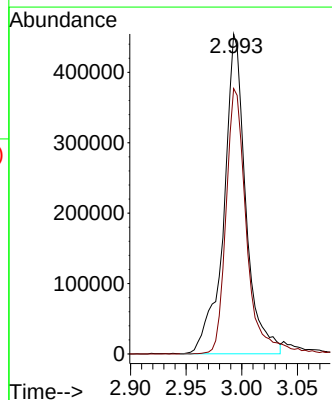
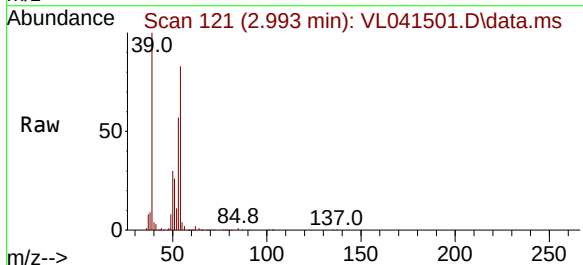
Manual Integrations
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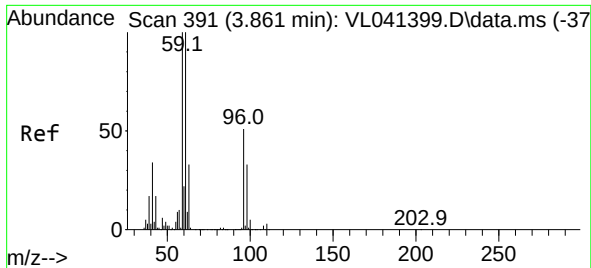
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#16
1,3-Butadiene
Concen: 9.666 ppbv
RT: 2.993 min Scan# 121
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Tgt Ion: 39 Resp: 623616
Ion Ratio Lower Upper
39 100
54 78.9 62.5 93.7





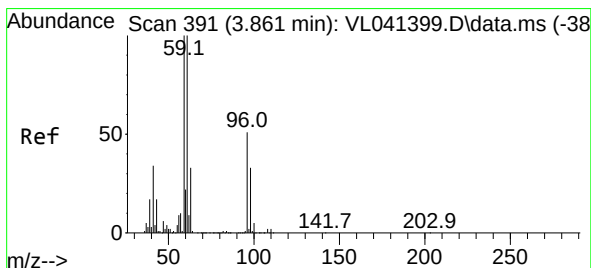
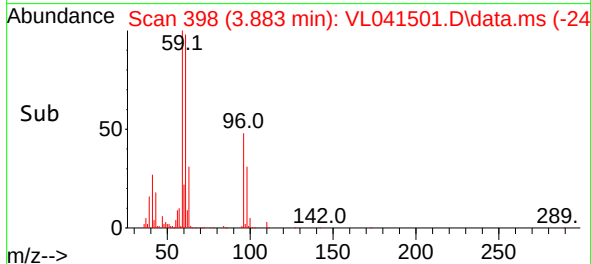
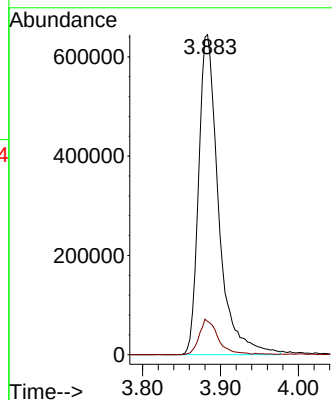
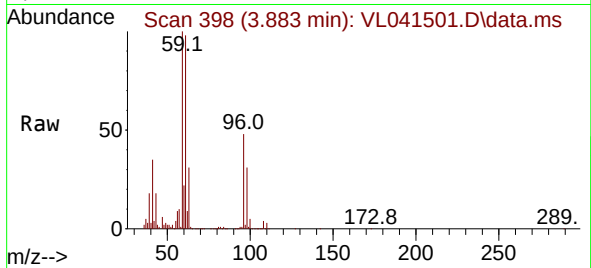
#17
tert-Butyl alcohol
Concen: 10.410 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 114644
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

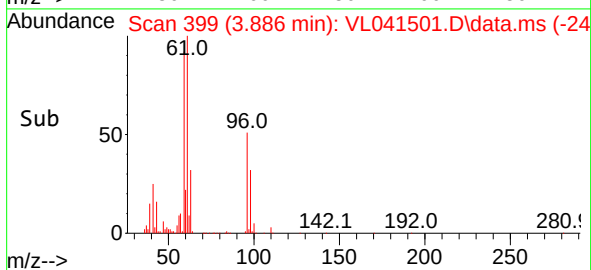
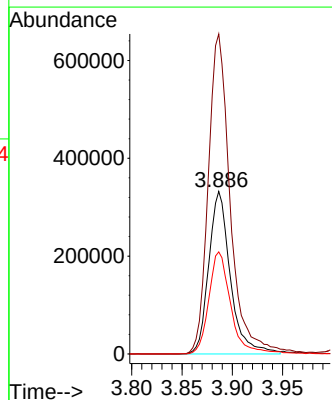
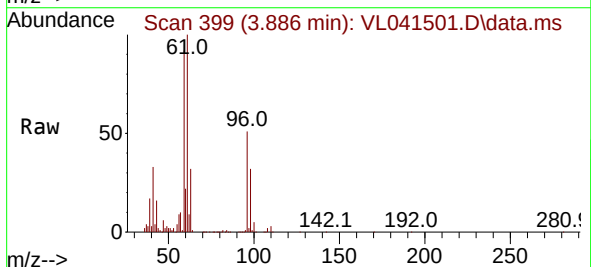
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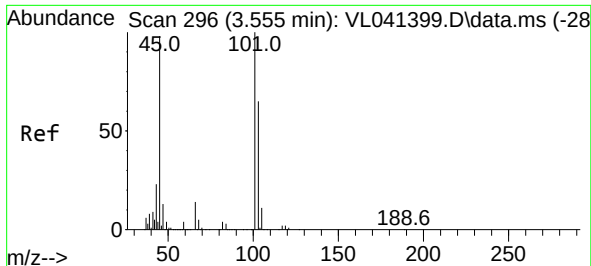
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#18
1,1-Dichloroethene
Concen: 9.951 ppbv
RT: 3.886 min Scan# 399
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

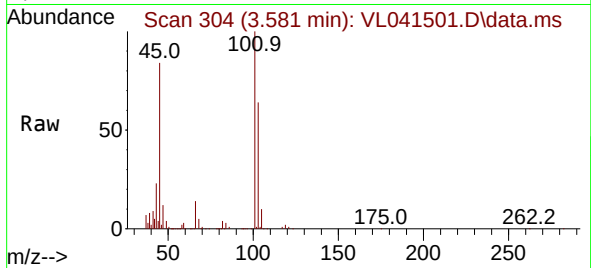
Tgt Ion: 96 Resp: 497709
Ion Ratio Lower Upper
96 100
61 196.9 157.5 236.3
98 62.8 51.2 76.8





#19
Isopropyl Alcohol
Concen: 9.612 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

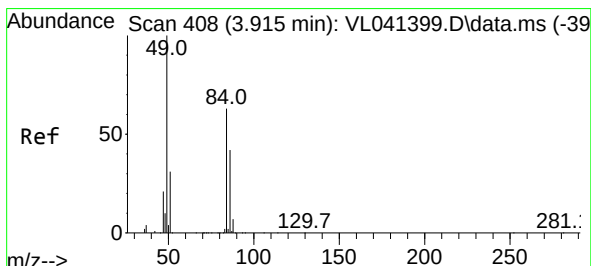
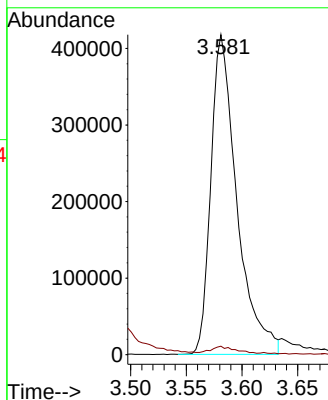
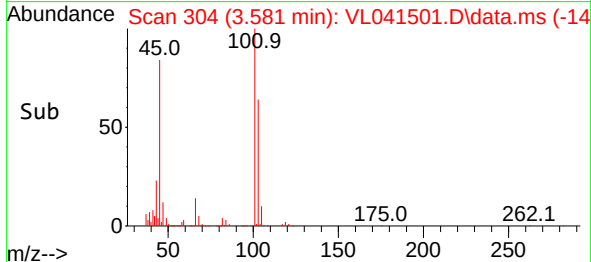
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



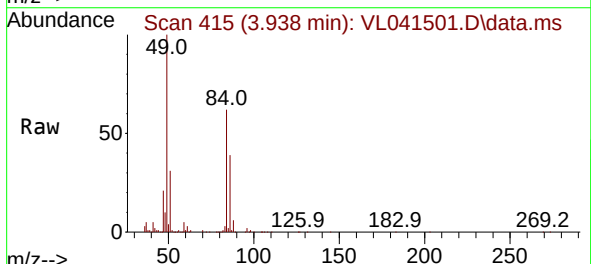
Tgt Ion: 45 Resp: 678570
Ion Ratio Lower Upper
45 100
58 3.5 1.9 2.9

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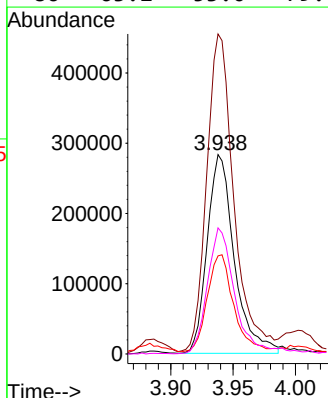
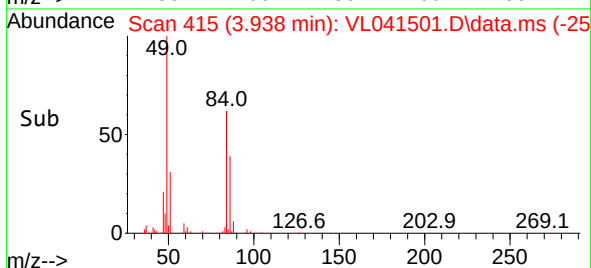
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

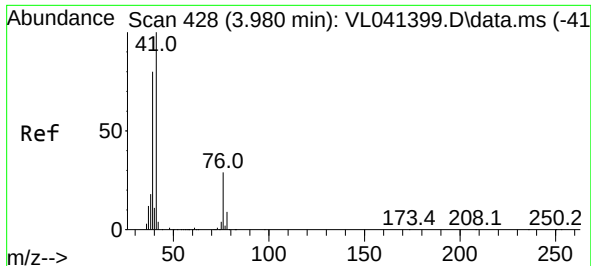


#20
Methylene Chloride
Concen: 9.548 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32



Tgt Ion: 84 Resp: 429936
Ion Ratio Lower Upper
84 100
49 159.8 126.6 190.0
51 48.0 38.6 58.0
86 63.2 53.0 79.4





#21

Allyl Chloride

Concen: 9.781 ppbv

RT: 4.002 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 774580

Ion Ratio Lower Upper

41 100

76 29.7 23.7 35.5

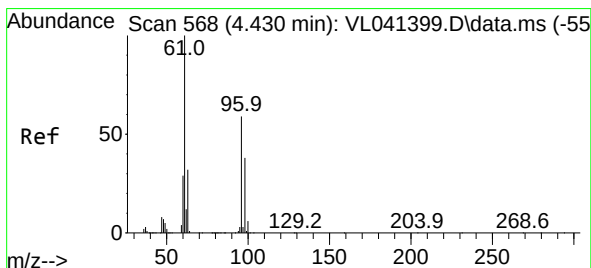
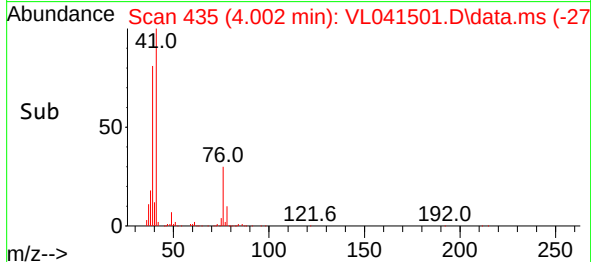
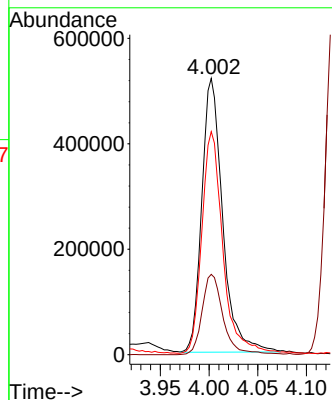
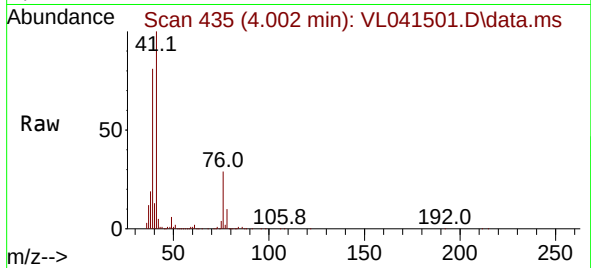
39 82.0 64.3 96.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#22

trans-1,2-Dichloroethene

Concen: 9.866 ppbv

RT: 4.449 min Scan# 574

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

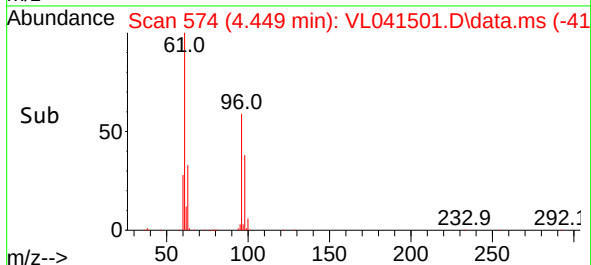
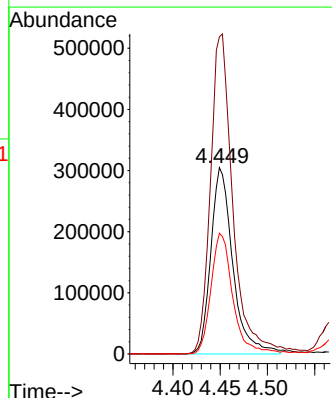
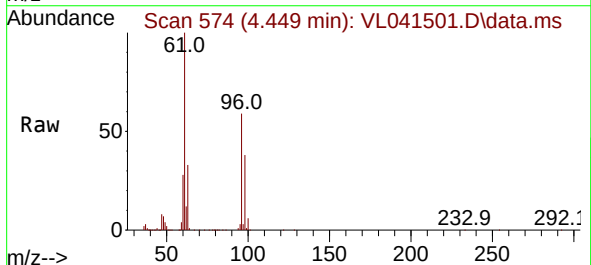
Tgt Ion: 96 Resp: 493428

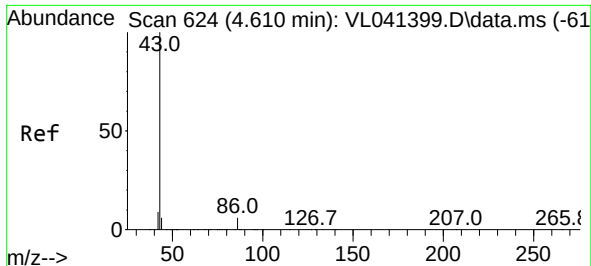
Ion Ratio Lower Upper

96 100

61 170.2 135.4 203.2

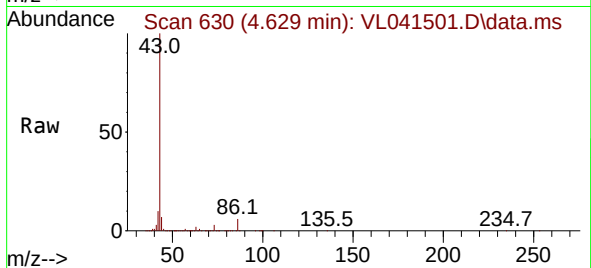
98 64.7 51.0 76.4





#23
 Vinyl Acetate
 Concen: 10.620 ppbv
 RT: 4.629 min Scan# 610
 Delta R.T. 0.003 min
 Lab File: VL041501.D
 Acq: 5 Aug 2024 15:32

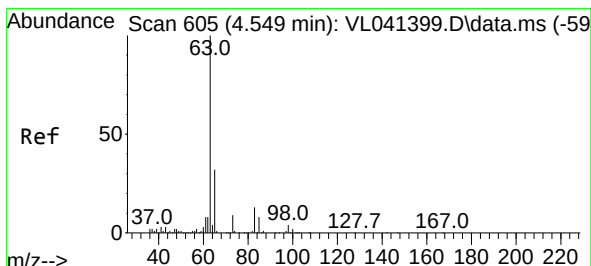
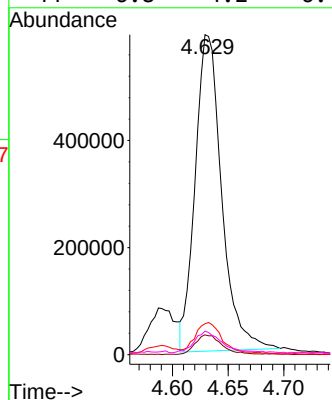
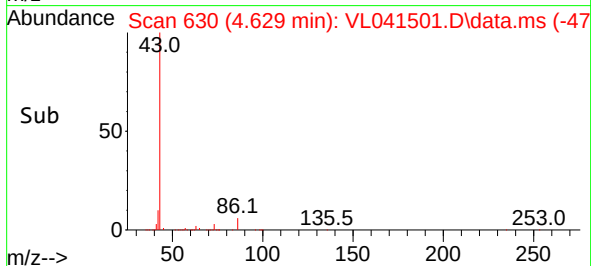
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 43 Resp: 979409
 Ion Ratio Lower Upper
 43 100
 86 6.1 4.6 6.8
 42 9.6 7.9 11.9
 44 6.8 4.2 6.4#

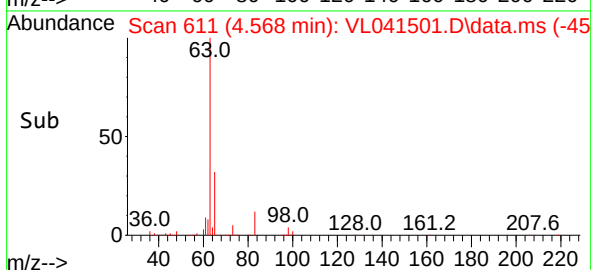
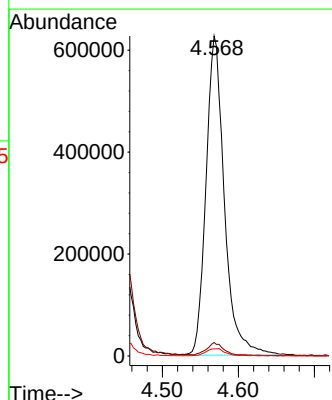
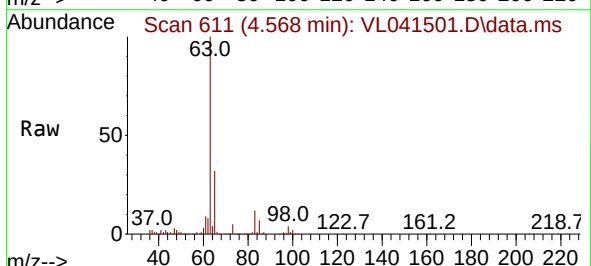
Manual Integrations
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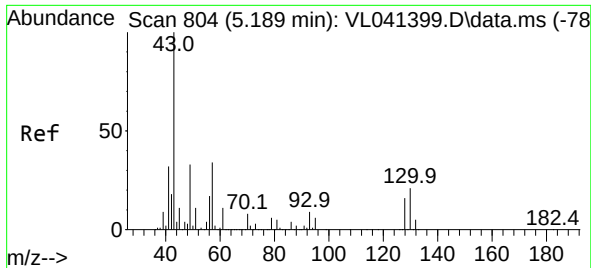
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024



#24
 1,1-Dichloroethane
 Concen: 9.679 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. 0.007 min
 Lab File: VL041501.D
 Acq: 5 Aug 2024 15:32

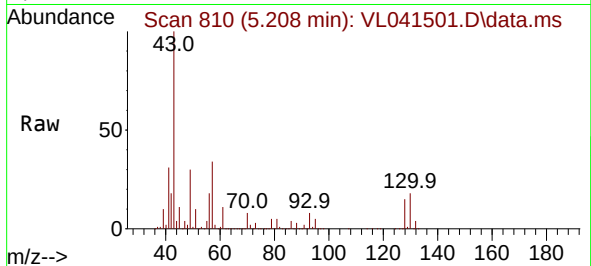
Tgt Ion: 63 Resp: 1051048
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.0 6.0
 100 2.2 1.2 3.6





#25
Ethyl Acetate
Concen: 10.159 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

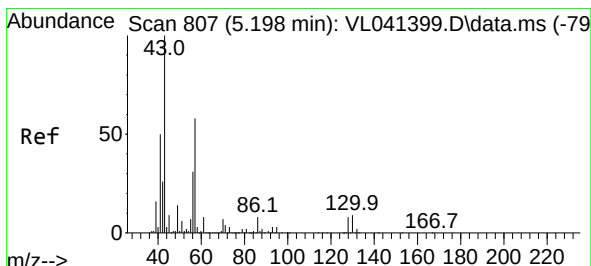
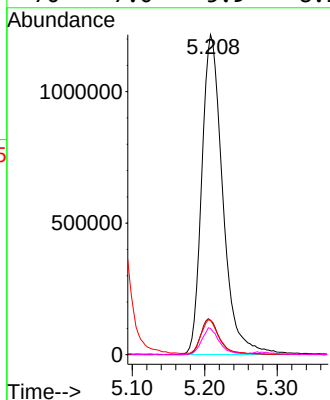
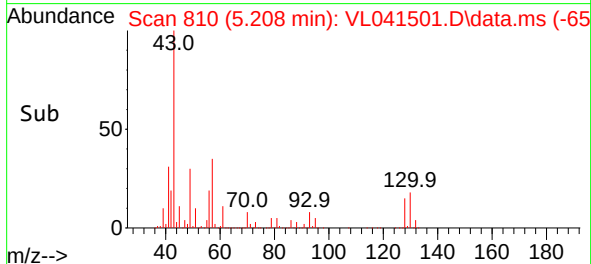
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



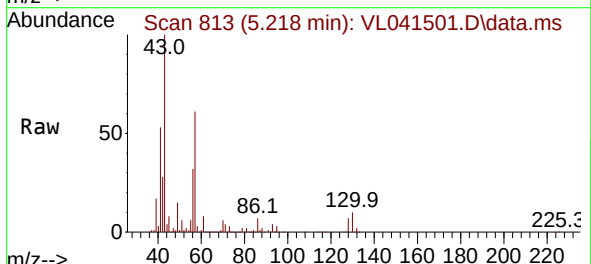
Tgt Ion: 43 Resp: 243721
Ion Ratio Lower Upper
43 100
45 10.2 8.5 12.7
61 9.7 8.0 12.0
70 7.0 5.9 8.9

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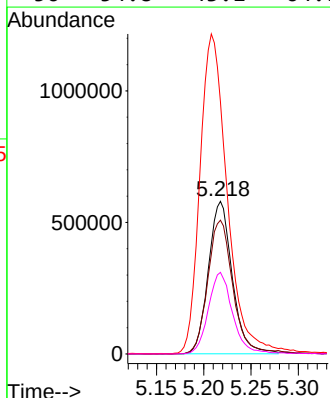
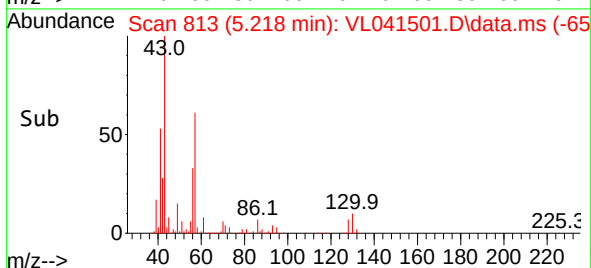
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

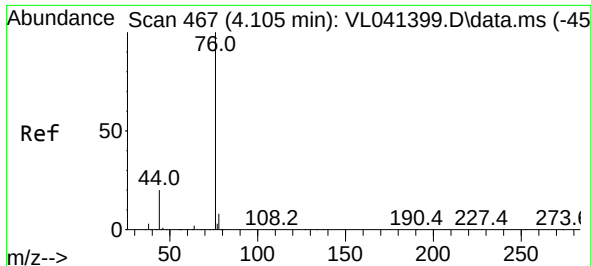


#26
Hexane
Concen: 10.249 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32



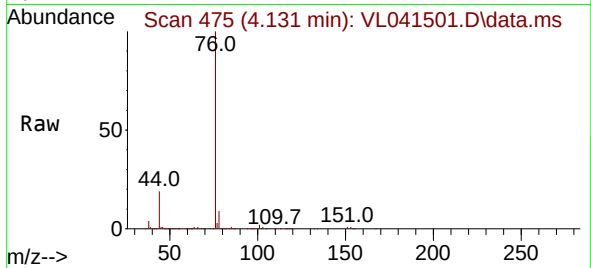
Tgt Ion: 57 Resp: 1019915
Ion Ratio Lower Upper
57 100
41 93.6 74.0 111.0
43 240.9 193.6 290.4
56 54.8 43.1 64.7





#27
Carbon Disulfide
Concen: 10.031 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

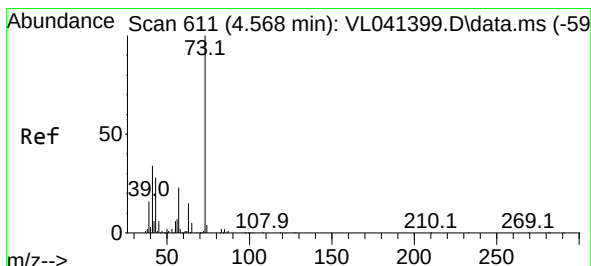
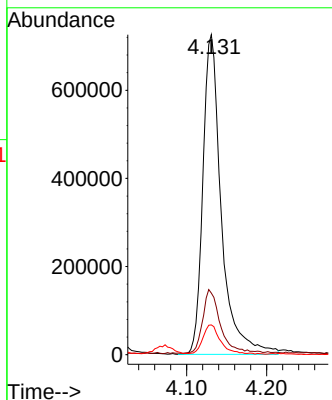
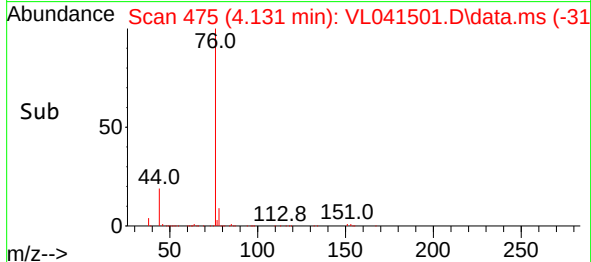
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



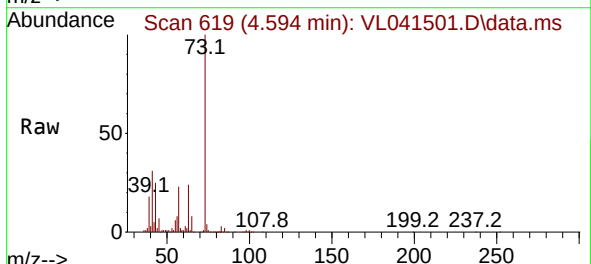
Tgt Ion: 76 Resp: 1167864
Ion Ratio Lower Upper
76 100
44 19.7 15.6 23.4
78 9.4 7.7 11.5

Manual Integrations
APPROVED

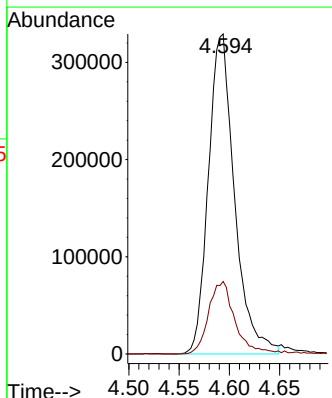
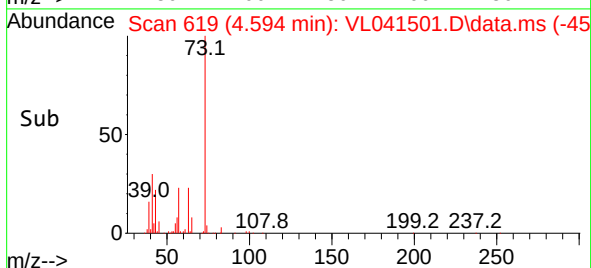
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

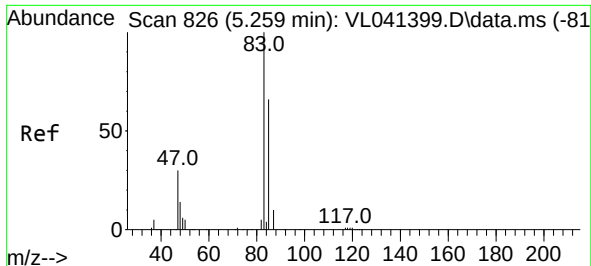


#28
Methyl tert-Butyl Ether
Concen: 9.492 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.013 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32



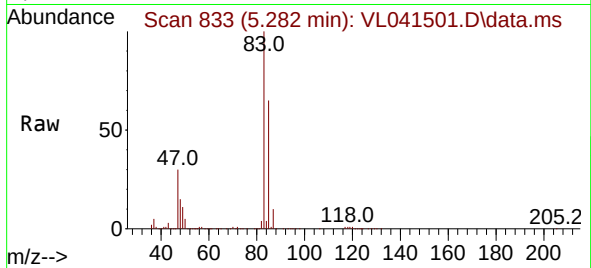
Tgt Ion: 73 Resp: 595733
Ion Ratio Lower Upper
73 100
57 23.3 18.9 28.3





#29
Chloroform
Concen: 9.647 ppbv
RT: 5.282 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

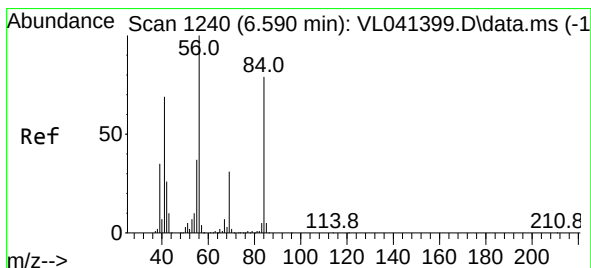
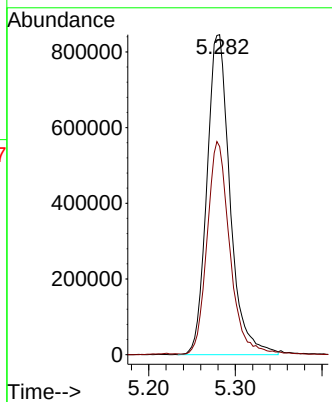
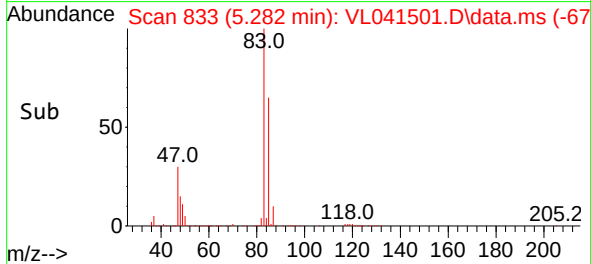
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 156600
Ion Ratio Lower Upper
83 100
85 64.8 53.1 79.7

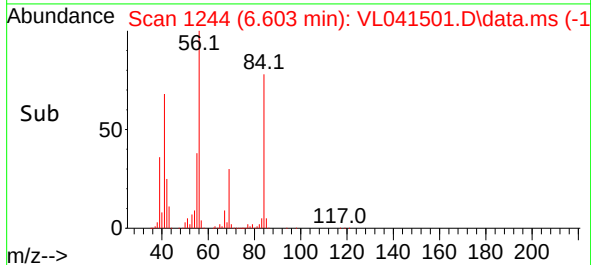
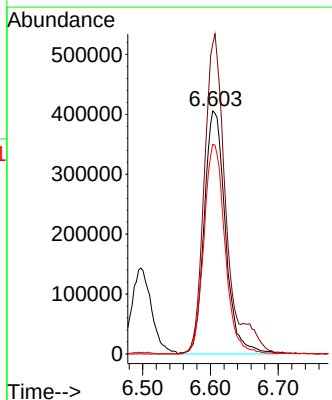
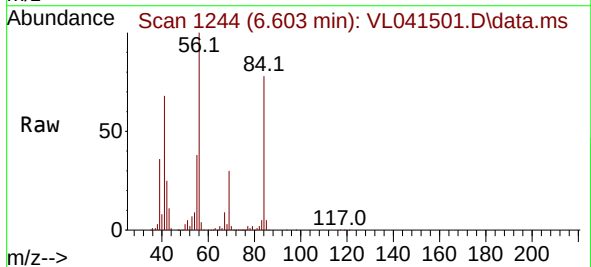
Manual Integrations
APPROVED

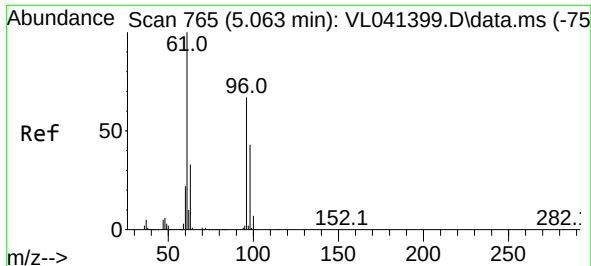
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#30
Cyclohexane
Concen: 10.877 ppbv
RT: 6.603 min Scan# 1244
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

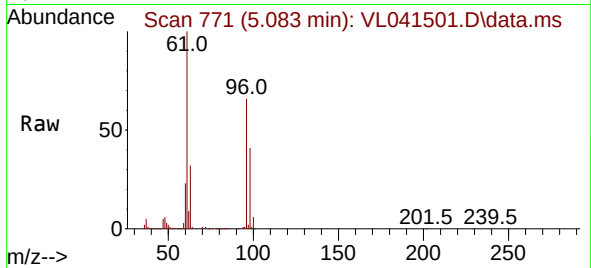
Tgt Ion: 84 Resp: 881458
Ion Ratio Lower Upper
84 100
56 134.4 111.2 166.8
41 85.9 70.3 105.5





#31
 cis-1,2-Dichloroethene
 Concen: 9.910 ppbv
 RT: 5.083 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: VL041501.D
 Acq: 5 Aug 2024 15:32

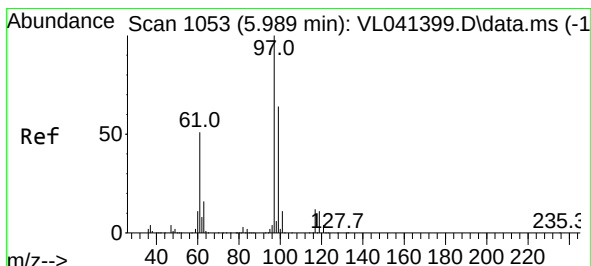
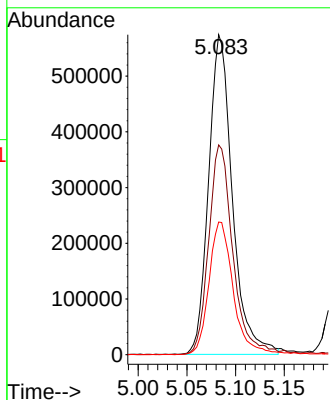
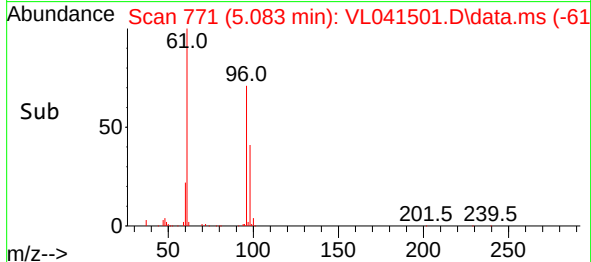
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



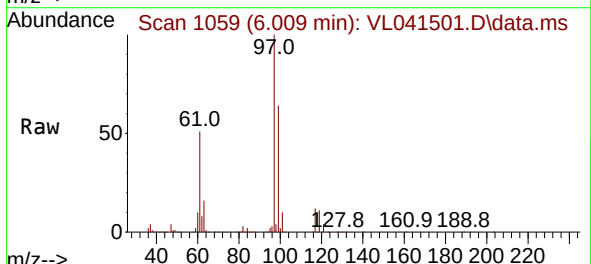
Tgt Ion: 61 Resp: 974225
 Ion Ratio Lower Upper
 61 100
 96 65.6 53.4 80.2
 98 41.4 34.4 51.6

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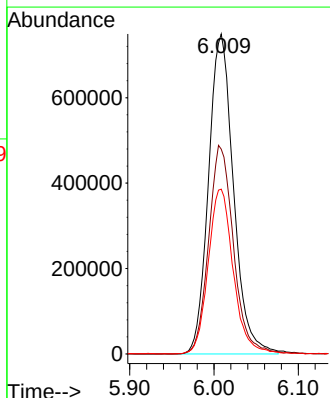
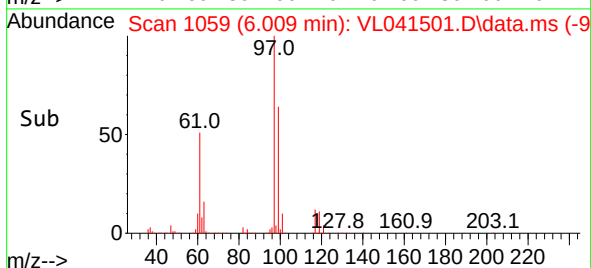
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

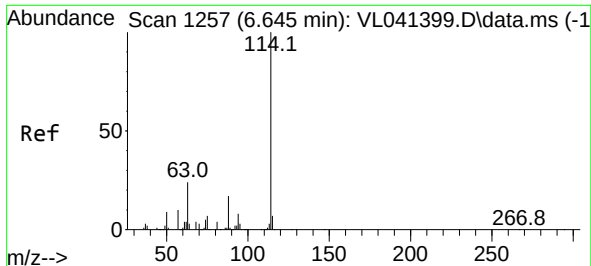


#32
 1,1,1-Trichloroethane
 Concen: 9.763 ppbv
 RT: 6.009 min Scan# 1059
 Delta R.T. 0.010 min
 Lab File: VL041501.D
 Acq: 5 Aug 2024 15:32



Tgt Ion: 97 Resp: 1542620
 Ion Ratio Lower Upper
 97 100
 99 65.1 52.0 78.0
 61 51.7 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 114

Delta R.T. 0.010 min

Lab File: VL041501.D

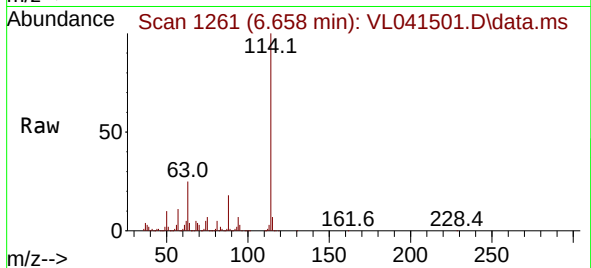
Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:114 Resp: 287149

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

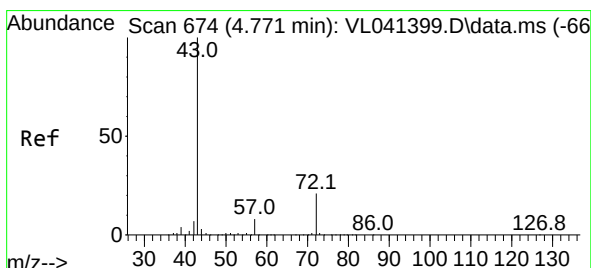
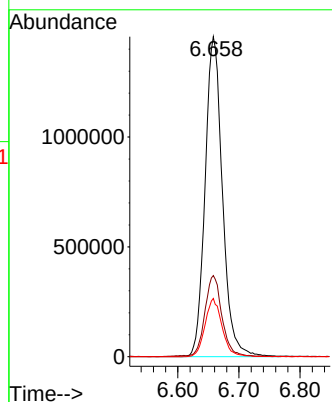
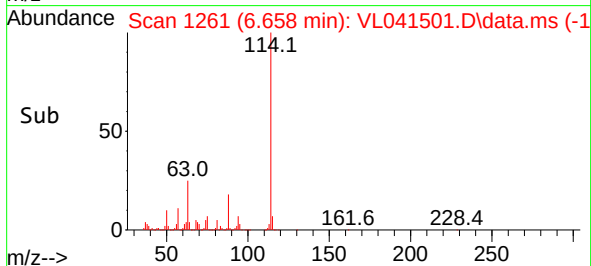
88 17.8 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#34

2-Butanone

Concen: 10.494 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.007 min

Lab File: VL041501.D

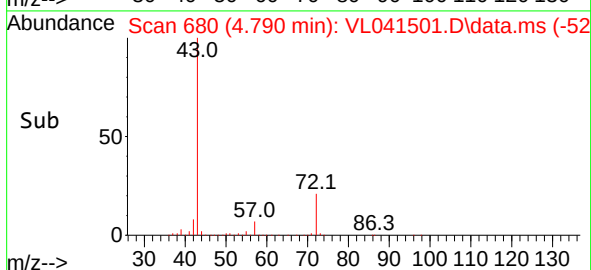
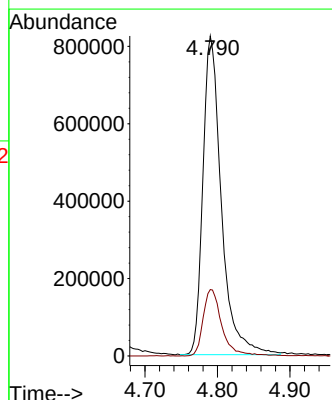
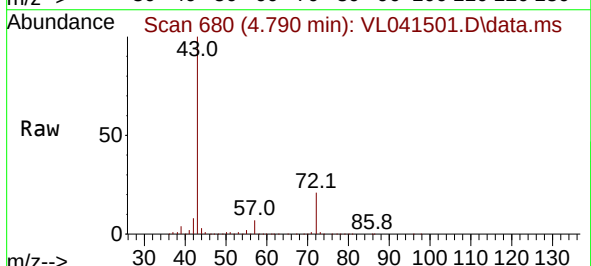
Acq: 5 Aug 2024 15:32

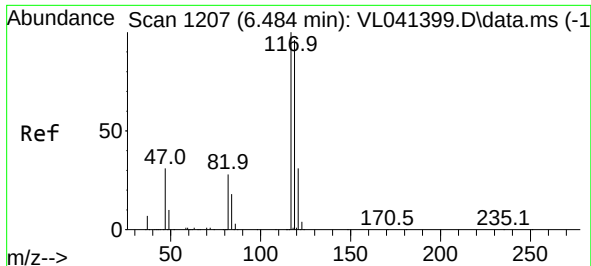
Tgt Ion: 43 Resp: 1457672

Ion Ratio Lower Upper

43 100

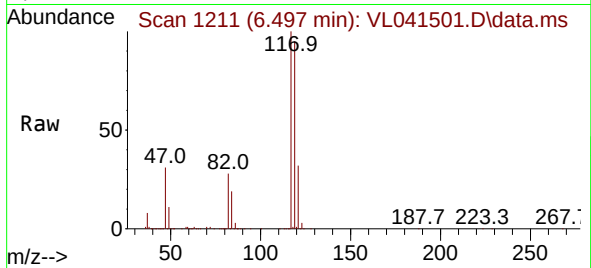
72 21.4 17.3 25.9





#35
Carbon Tetrachloride
Concen: 10.317 ppbv
RT: 6.497 min Scan# 1173
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

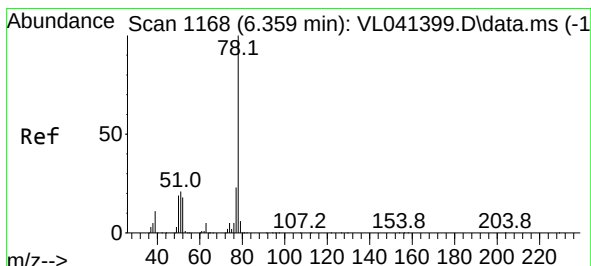
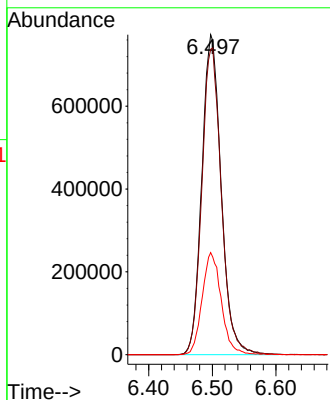
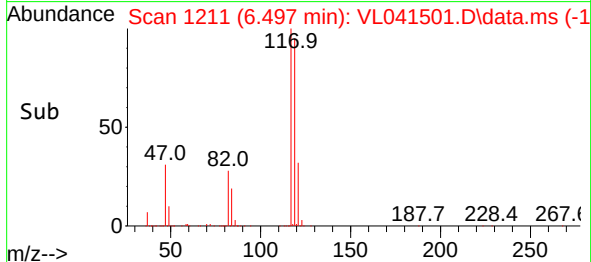
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 163402
Ion Ratio Lower Upper
117 100
119 95.4 76.6 115.0
121 31.9 25.1 37.7

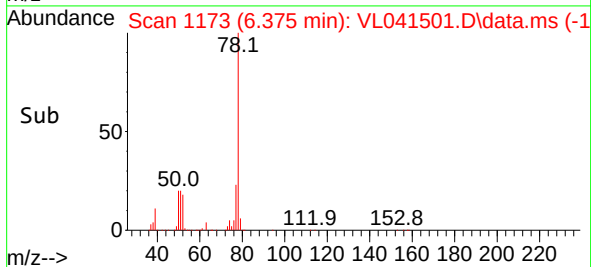
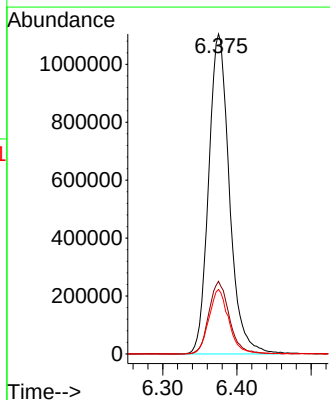
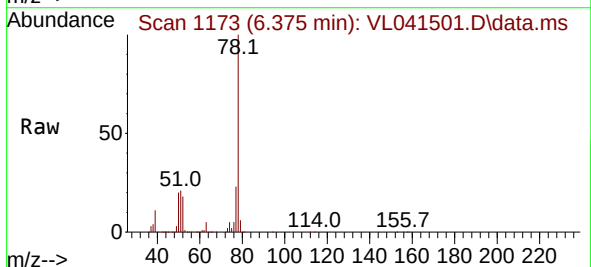
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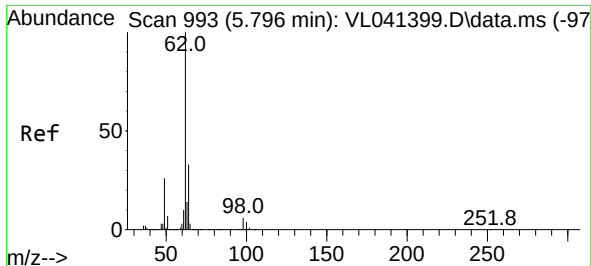
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#36
Benzene
Concen: 10.224 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Tgt Ion: 78 Resp: 2145140
Ion Ratio Lower Upper
78 100
77 22.7 18.1 27.1
50 20.1 15.5 23.3





#37

1,2-Dichloroethane

Concen: 10.209 ppbv

RT: 5.812 min Scan# 993

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 62 Resp: 1198940

Ion Ratio Lower Upper

62 100

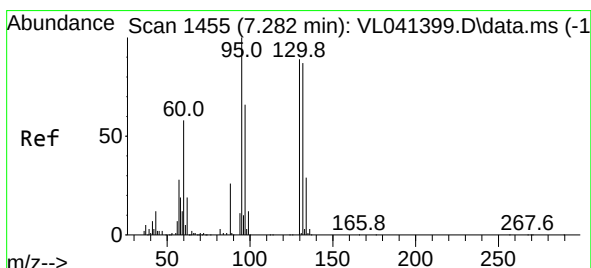
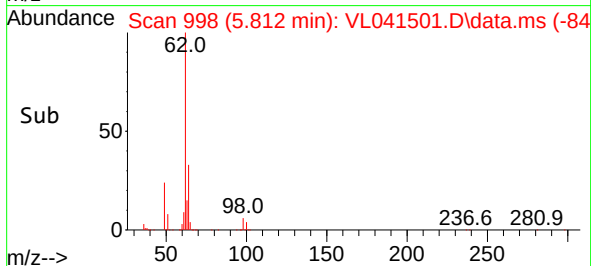
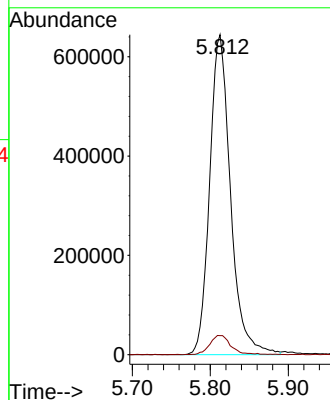
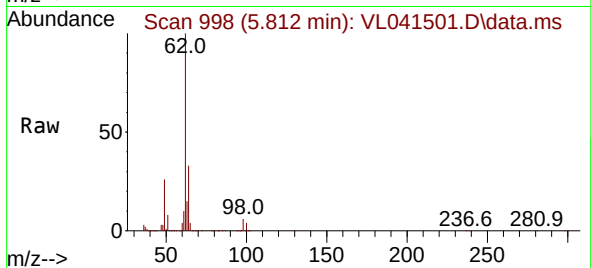
98 6.3 5.0 7.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#38

Trichloroethene

Concen: 10.492 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Tgt Ion:130 Resp: 1008526

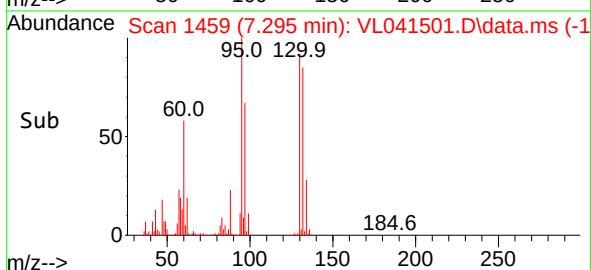
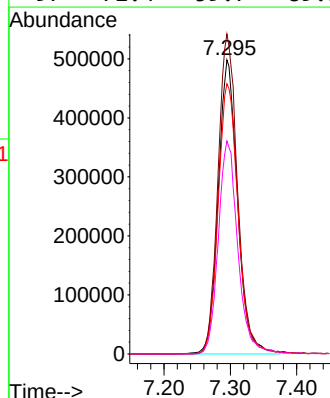
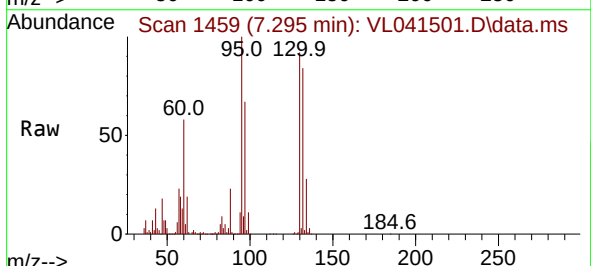
Ion Ratio Lower Upper

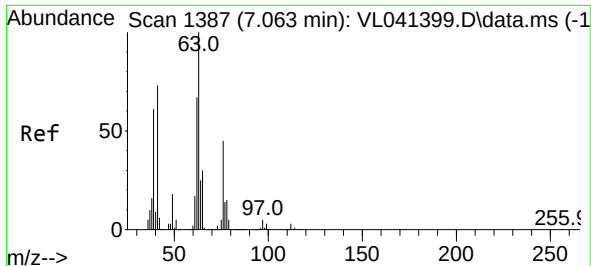
130 100

95 108.8 90.2 135.2

132 91.9 78.1 117.1

97 72.4 59.7 89.5





#39

1,2-Dichloropropane

Concen: 10.244 ppbv

RT: 7.076 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

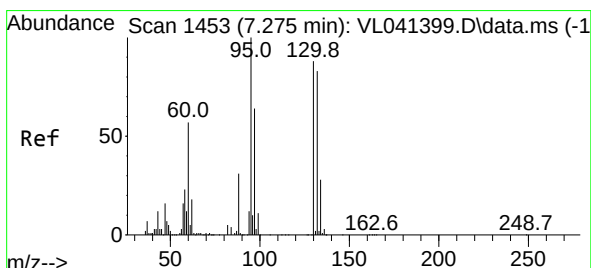
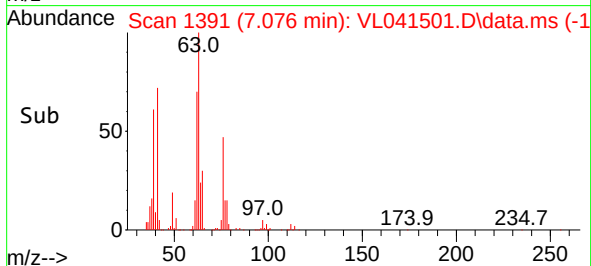
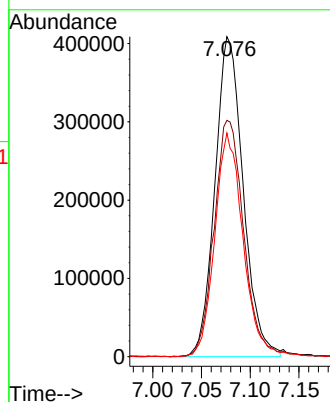
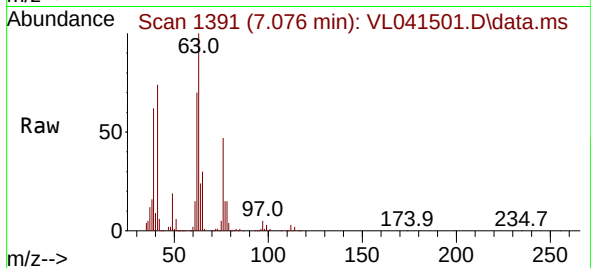
Tgt Ion: 63 Resp: 822920

Ion	Ratio	Lower	Upper
63	100		
41	73.7	58.3	87.5
62	69.8	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: 9.556 ppbv

RT: 7.288 min Scan# 1457

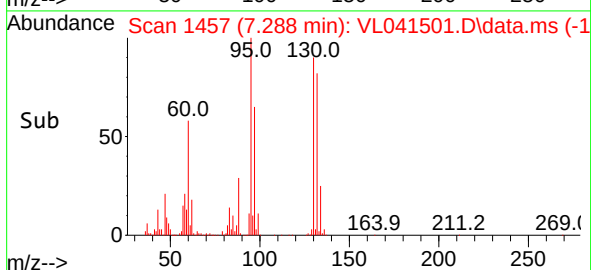
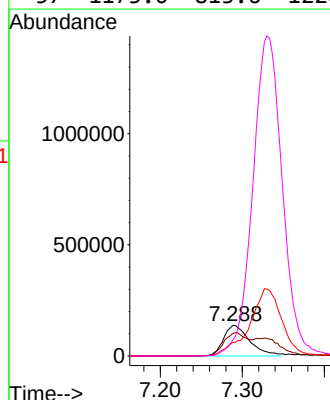
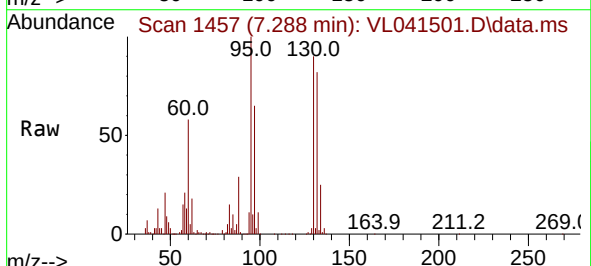
Delta R.T. 0.010 min

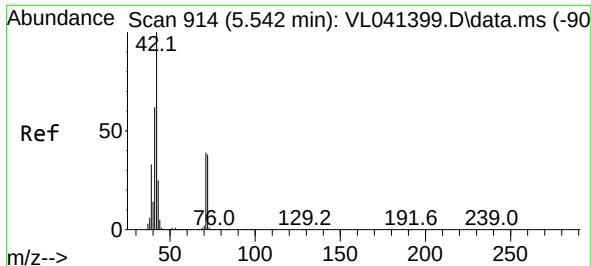
Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Tgt Ion: 88 Resp: 308350

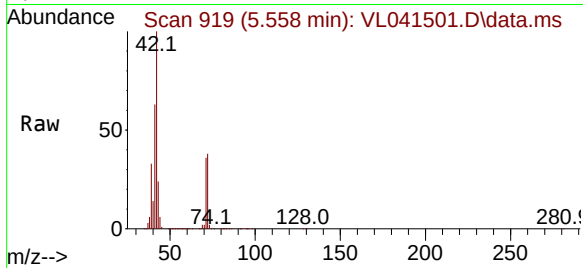
Ion	Ratio	Lower	Upper
88	100		
58	130.6	95.8	143.6
43	270.1	188.2	282.2
57	1173.0	813.6	1220.4





#41
Tetrahydrofuran
Concen: 10.783 ppbv
RT: 5.558 min Scan# 914
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

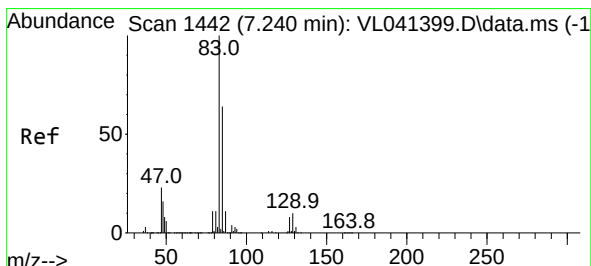
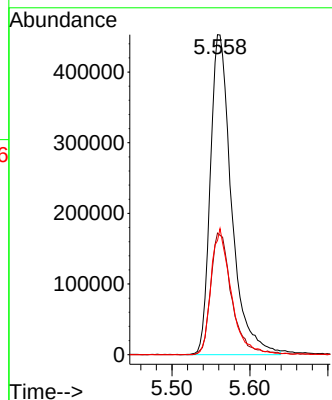
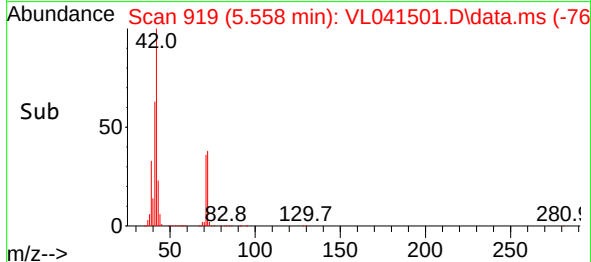
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 856663
Ion Ratio Lower Upper
42 100
72 38.1 31.2 46.8
71 37.9 30.5 45.7

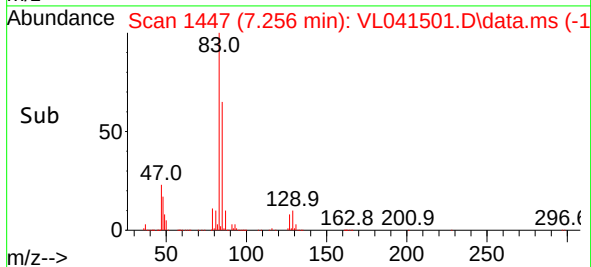
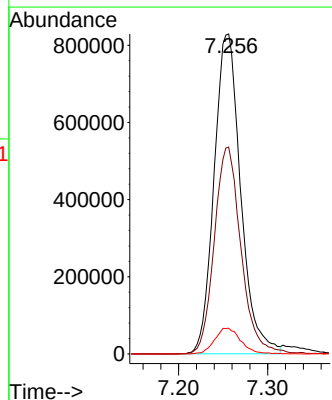
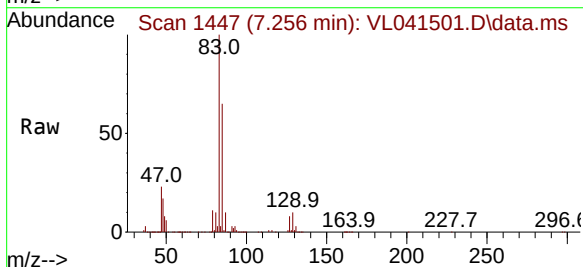
Manual Integrations
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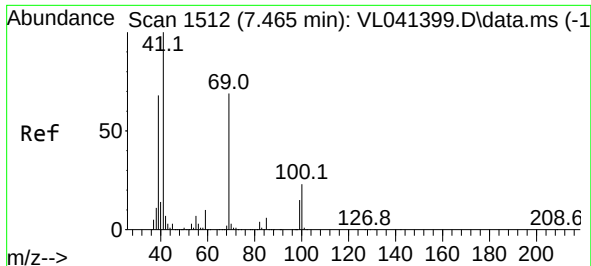
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#42
Bromodichloromethane
Concen: 10.153 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

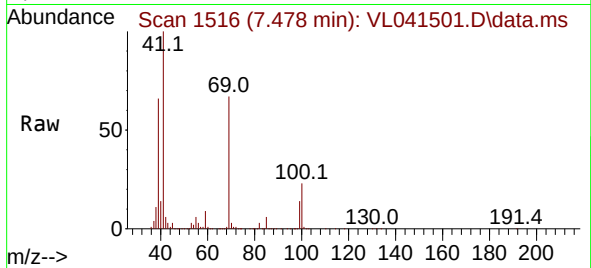
Tgt Ion: 83 Resp: 1721589
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.0
127 8.1 6.7 10.1





#43
Methyl Methacrylate
Concen: 11.427 ppbv
RT: 7.478 min Scan# 1512
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

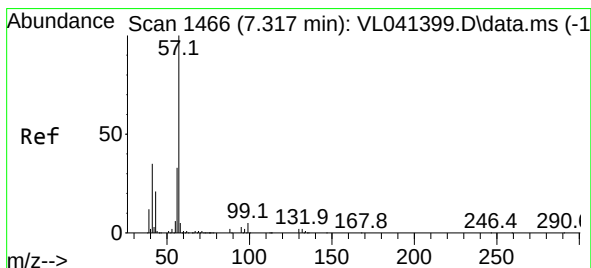
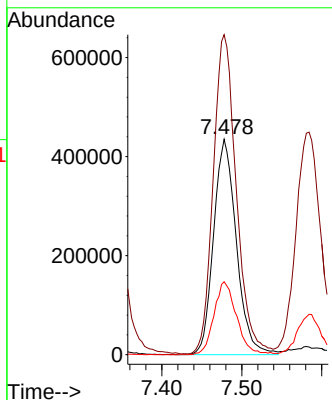
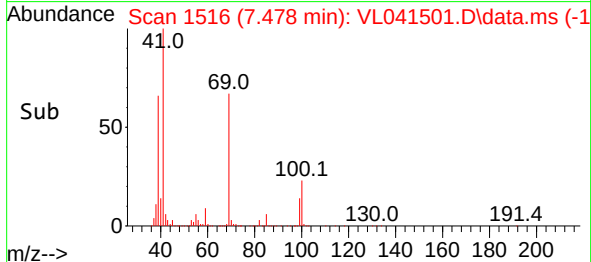
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



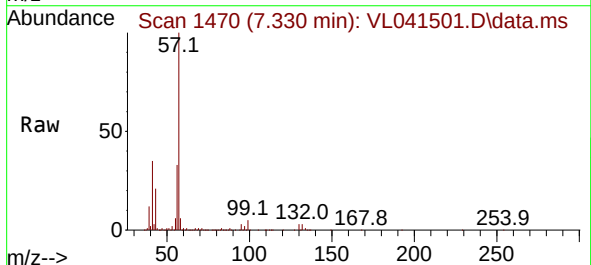
Tgt Ion: 69 Resp: 859779
Ion Ratio Lower Upper
69 100
41 150.5 118.7 178.1
100 33.5 27.0 40.4

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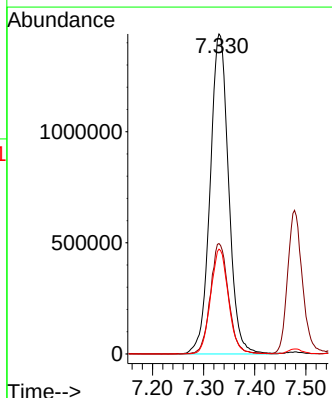
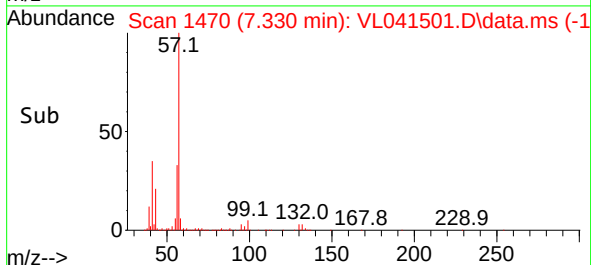
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

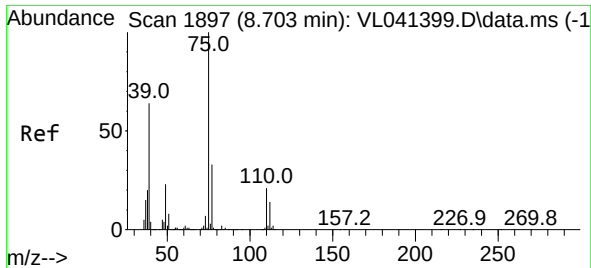


#44
2,2,4-Trimethylpentane
Concen: 10.321 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32



Tgt Ion: 57 Resp: 3616874
Ion Ratio Lower Upper
57 100
41 33.9 27.0 40.6
56 31.7 25.2 37.8





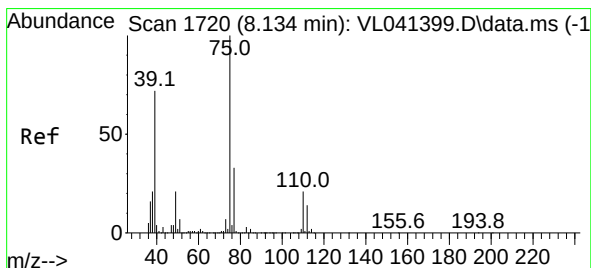
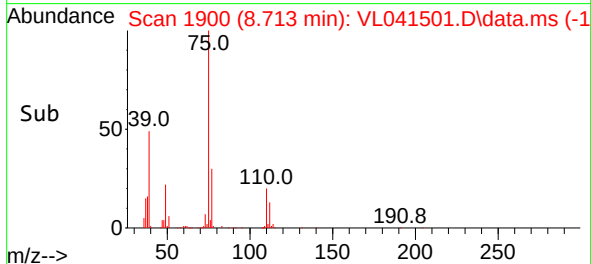
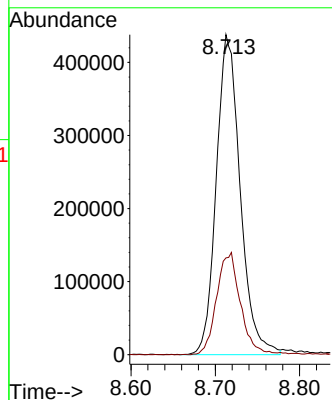
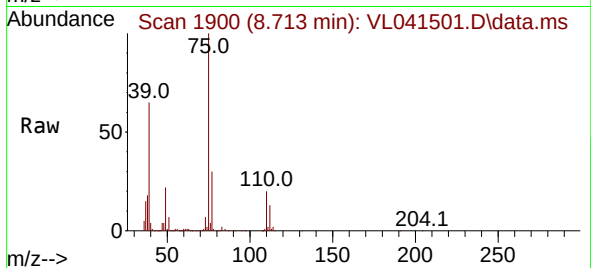
#45
t-1,3-Dichloropropene
Concen: 12.455 ppbv
RT: 8.713 min Scan# 1897
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 862518
Ion Ratio Lower Upper
75 100
77 30.2 26.5 39.7

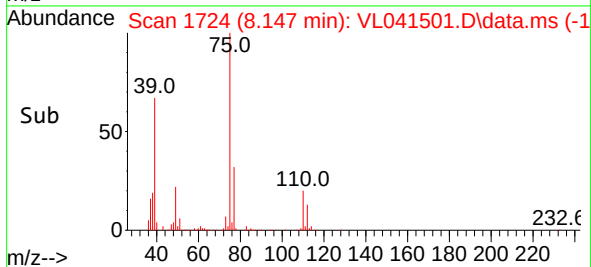
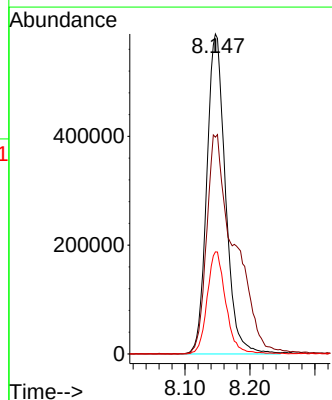
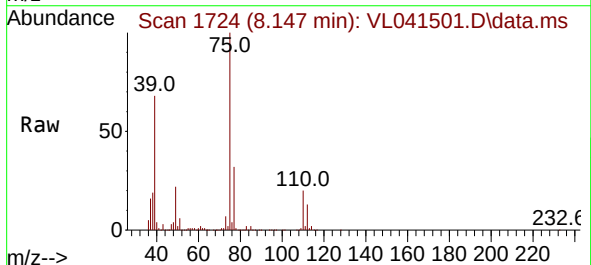
Manual Integrations
APPROVED

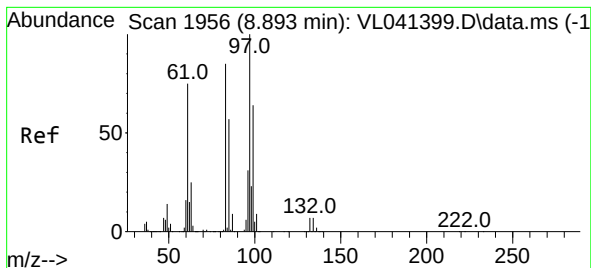
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#46
cis-1,3-Dichloropropene
Concen: 11.763 ppbv
RT: 8.147 min Scan# 1724
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Tgt Ion: 75 Resp: 1176381
Ion Ratio Lower Upper
75 100
39 67.6 57.3 85.9
77 31.9 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 10.113 ppbv

RT: 8.902 min Scan# 1956

Delta R.T. 0.010 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 89543

Ion Ratio Lower Upper

97 100

83 89.6 67.6 101.4

85 57.7 45.9 68.9

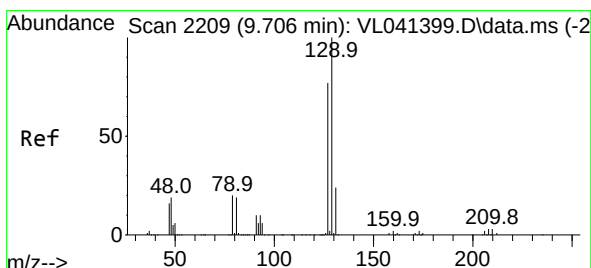
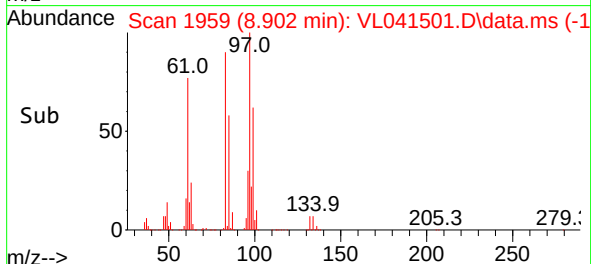
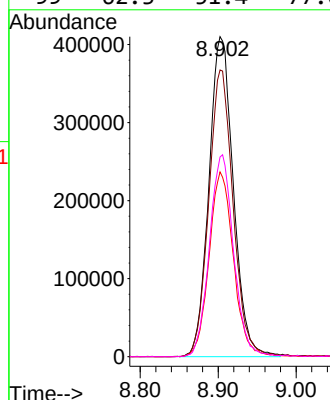
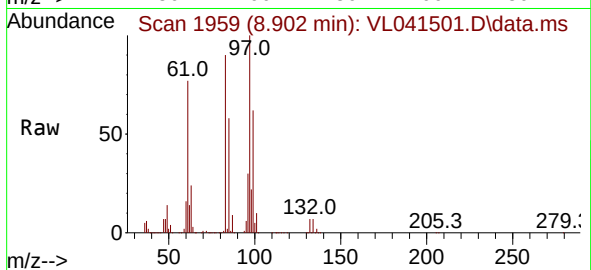
99 62.3 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#48

Dibromochloromethane

Concen: 10.445 ppbv

RT: 9.713 min Scan# 2211

Delta R.T. 0.007 min

Lab File: VL041501.D

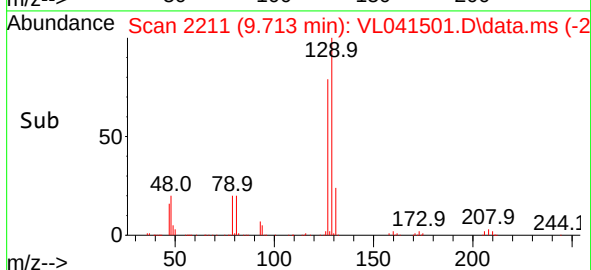
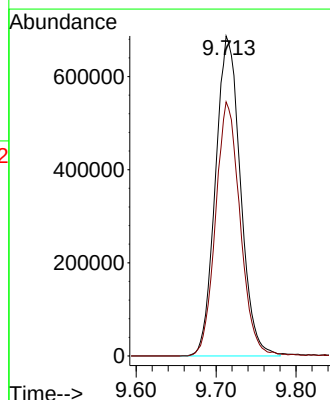
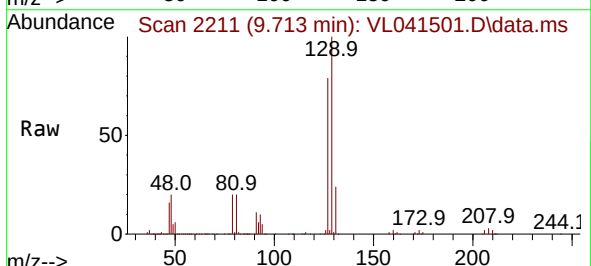
Acq: 5 Aug 2024 15:32

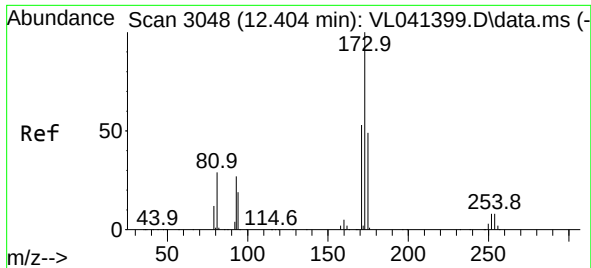
Tgt Ion:129 Resp: 1489985

Ion Ratio Lower Upper

129 100

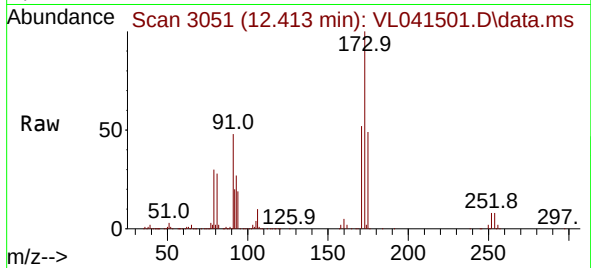
127 78.5 39.3 117.8





#49
Bromoform
Concen: 10.871 ppbv
RT: 12.413 min Scan# 3048
Delta R.T. 0.013 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

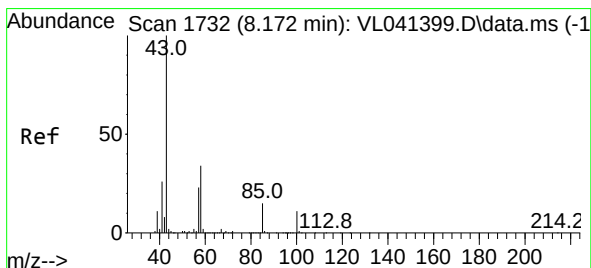
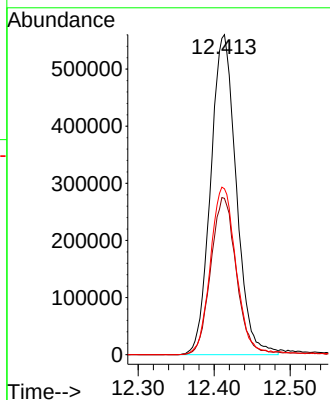
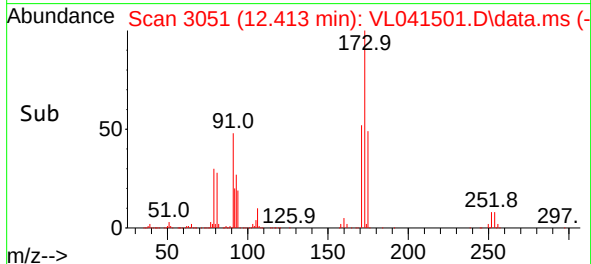
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



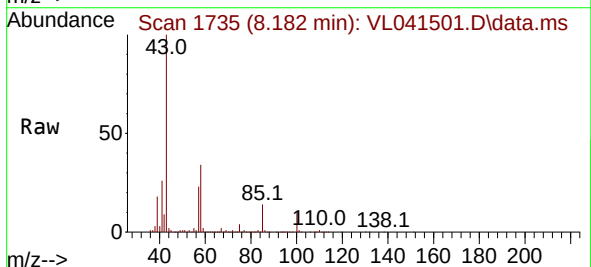
Tgt Ion: 173 Resp: 1309948
Ion Ratio Lower Upper
173 100
175 50.1 39.9 59.9
171 53.5 41.7 62.5

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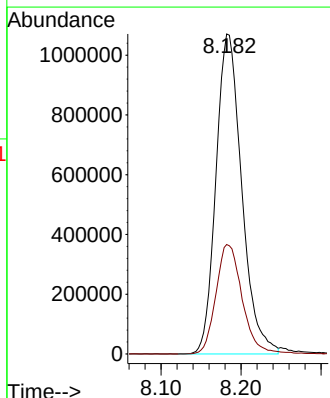
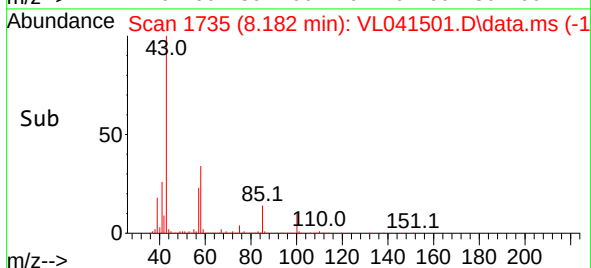
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

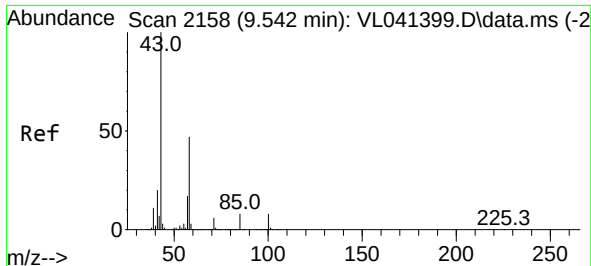


#50
4-Methyl-2-Pentanone
Concen: 10.933 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32



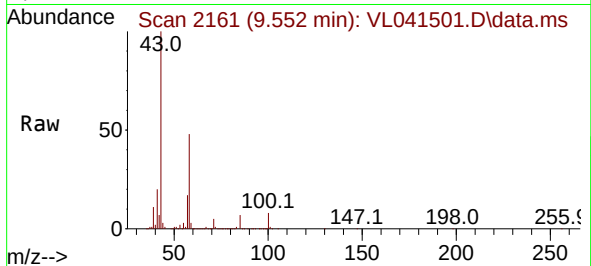
Tgt Ion: 43 Resp: 2395955
Ion Ratio Lower Upper
43 100
58 35.0 27.9 41.9





#51
2-Hexanone
Concen: 11.820 ppbv
RT: 9.552 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

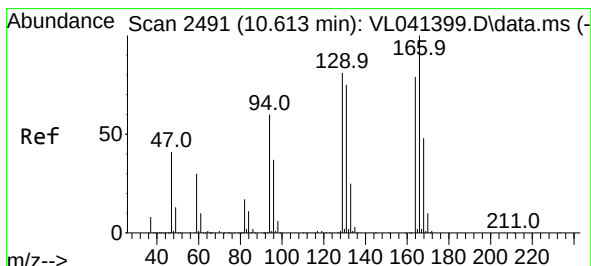
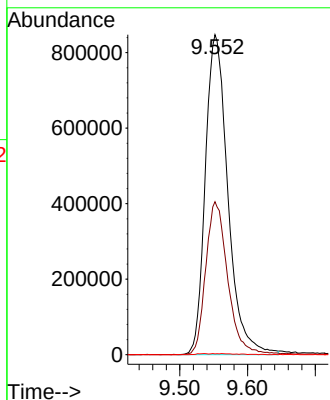
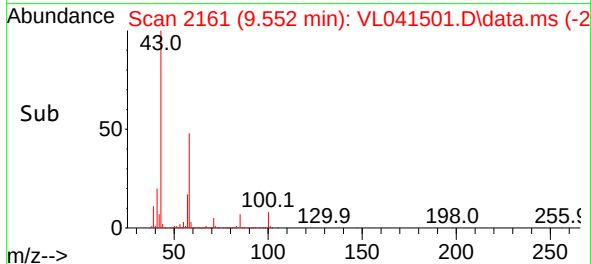
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



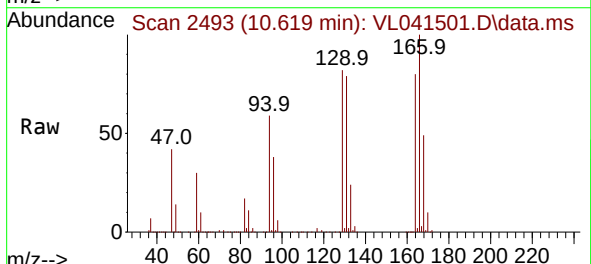
Tgt Ion: 43 Resp: 195865
Ion Ratio Lower Upper
43 100
58 47.1 38.2 57.2
98 0.6 0.3 0.5

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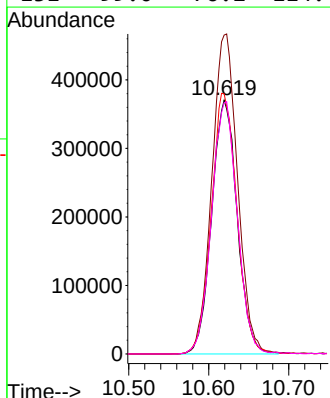
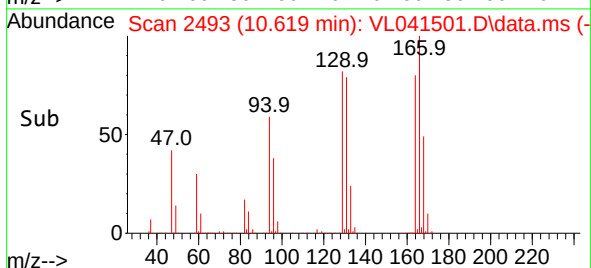
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

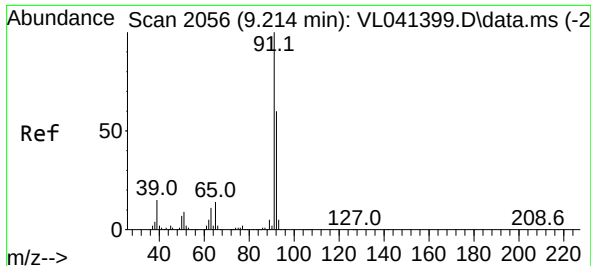


#52
Tetrachloroethene
Concen: 10.084 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32



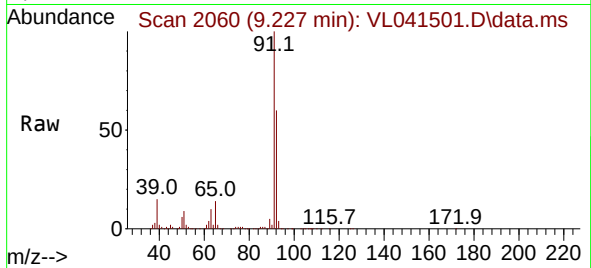
Tgt Ion:164 Resp: 817587
Ion Ratio Lower Upper
164 100
166 125.7 101.1 151.7
129 102.5 81.7 122.5
131 99.0 76.2 114.4





#53
Toluene
Concen: 10.788 ppbv
RT: 9.227 min Scan# 2056
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

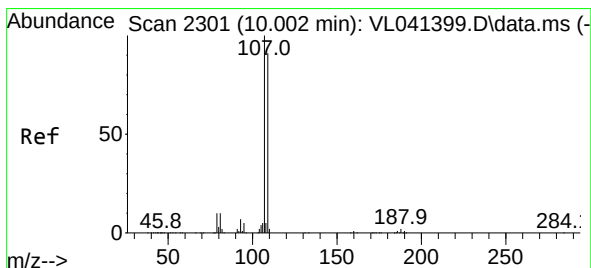
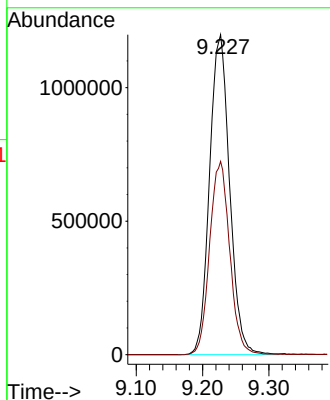
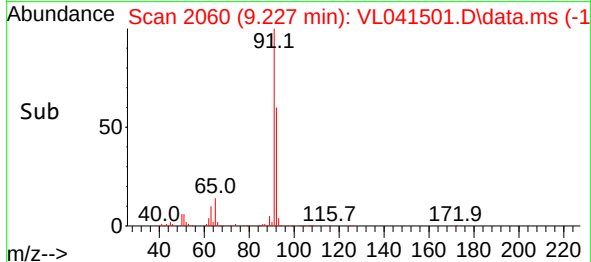
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



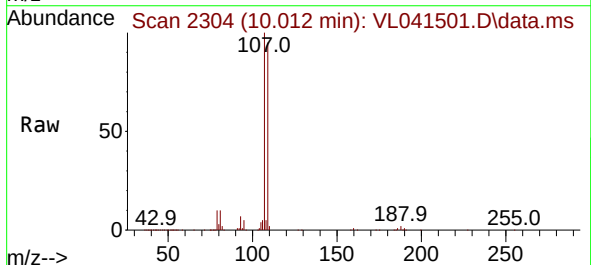
Tgt Ion: 91 Resp: 2521227
Ion Ratio Lower Upper
91 100
92 60.5 48.7 73.1

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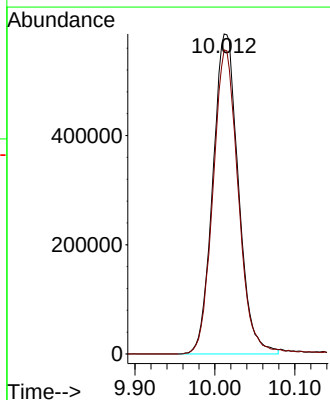
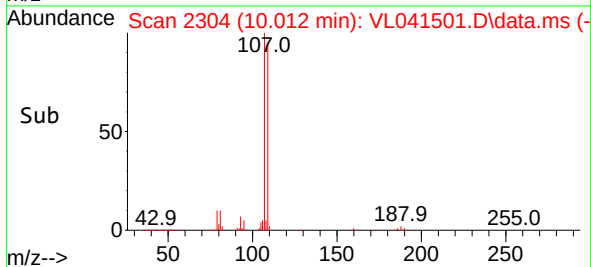
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

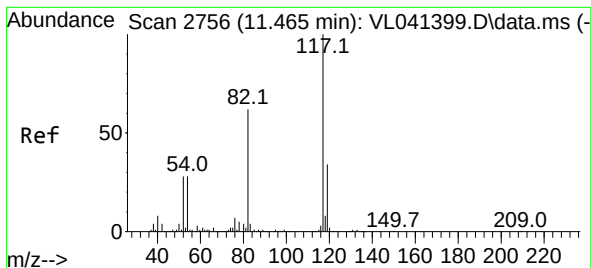


#54
1,2-Dibromoethane
Concen: 11.029 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32



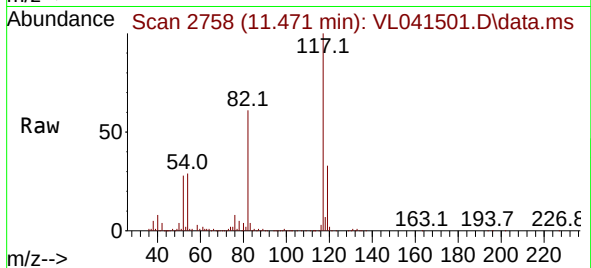
Tgt Ion:107 Resp: 1299818
Ion Ratio Lower Upper
107 100
109 95.0 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.471 min Scan# 2756
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

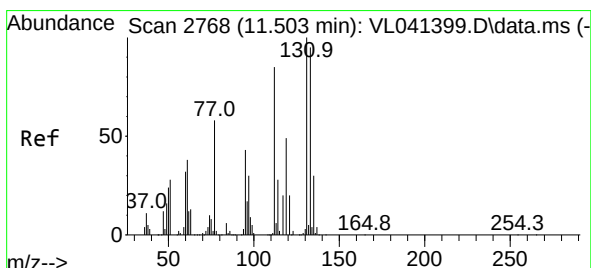
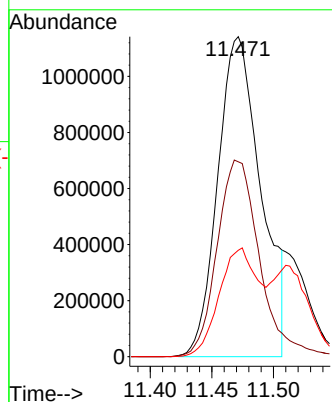
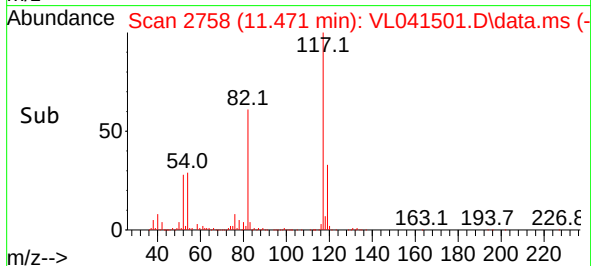
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



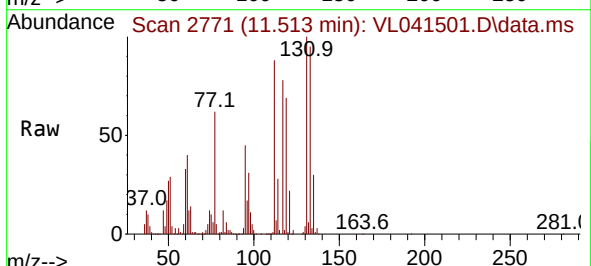
Tgt Ion:117 Resp: 277736
Ion Ratio Lower Upper
117 100
82 61.3 51.0 76.6
119 33.0 45.2 67.8

Manual Integrations
APPROVED

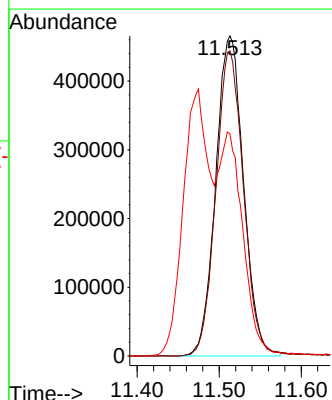
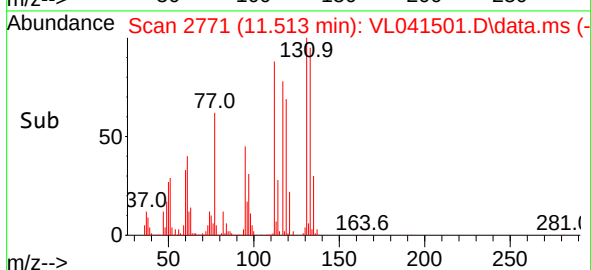
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

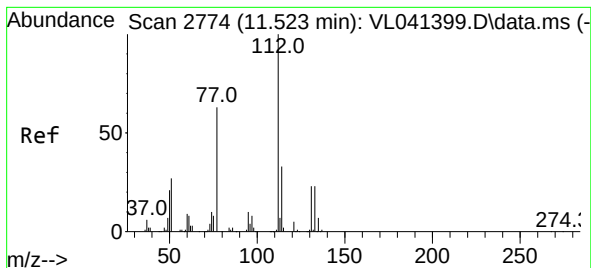


#56
1,1,1,2-Tetrachloroethane
Concen: 10.200 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32



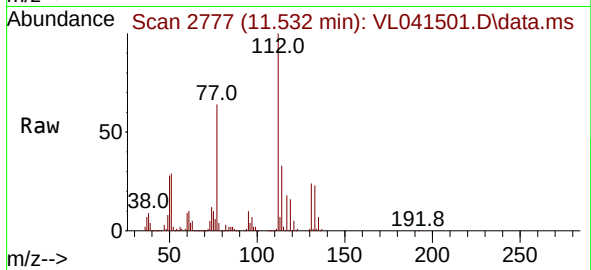
Tgt Ion:131 Resp: 1098631
Ion Ratio Lower Upper
131 100
133 95.6 77.0 115.4
119 62.7 121.5 182.3





#57
Chlorobenzene
Concen: 9.958 ppbv
RT: 11.532 min Scan# 211
Delta R.T. 0.013 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

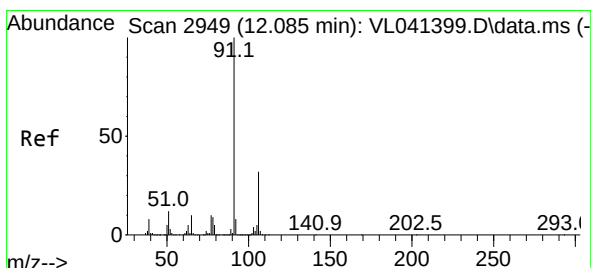
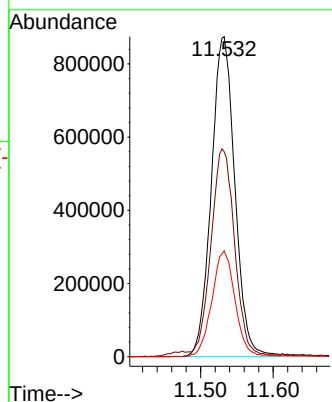
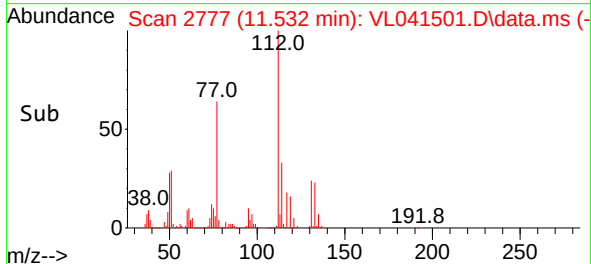
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 112 Resp: 196912
Ion Ratio Lower Upper
112 100
77 63.5 51.1 76.7
114 33.1 29.5 36.1

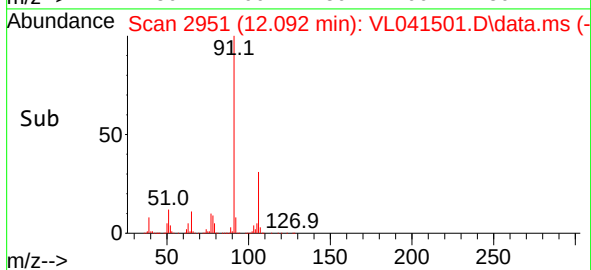
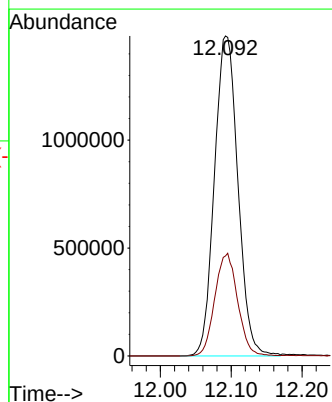
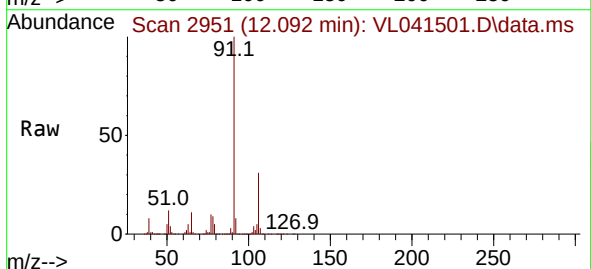
Manual Integrations
APPROVED

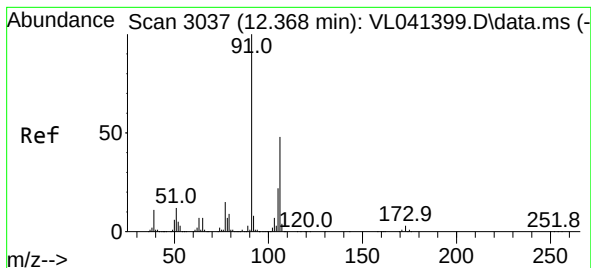
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#58
Ethyl Benzene
Concen: 10.673 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Tgt Ion: 91 Resp: 3416674
Ion Ratio Lower Upper
91 100
106 31.2 25.8 38.8





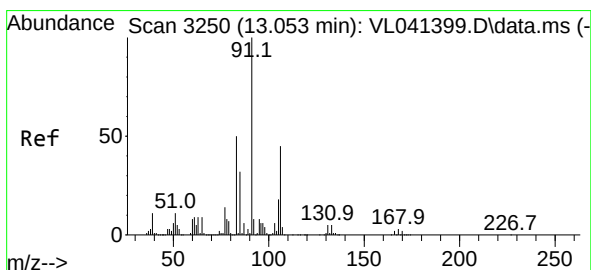
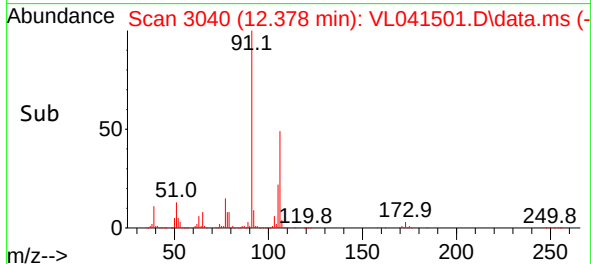
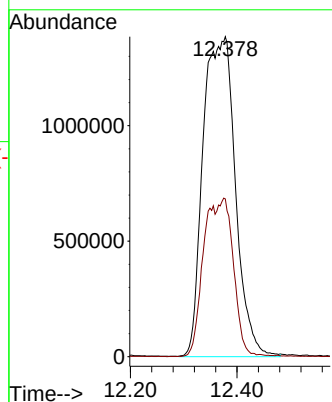
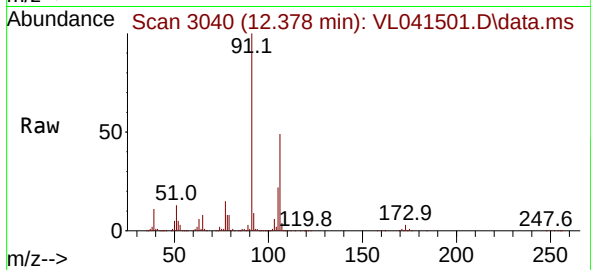
#59
m/p-Xylene
Concen: 21.087 ppbv m
RT: 12.378 min Scan# 3037
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 5827239
Ion Ratio Lower Upper
91 100
106 45.7 36.3 54.5

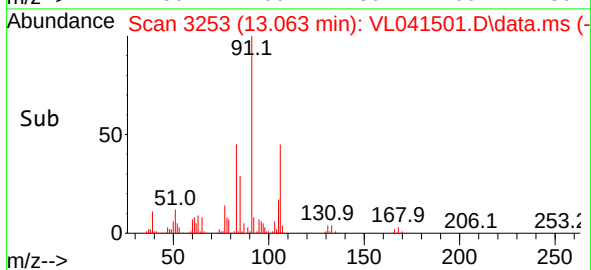
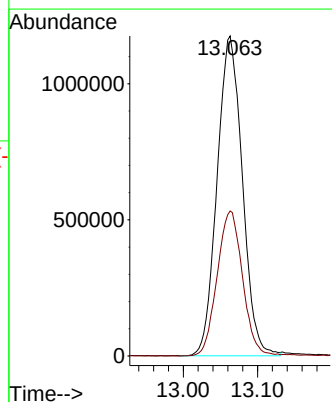
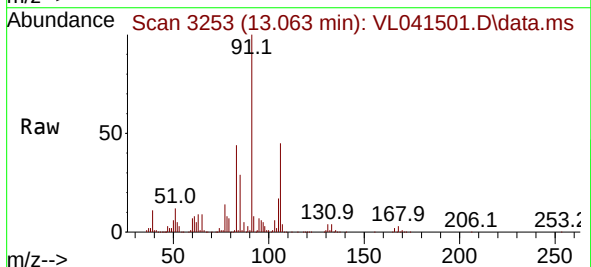
Manual Integrations
APPROVED

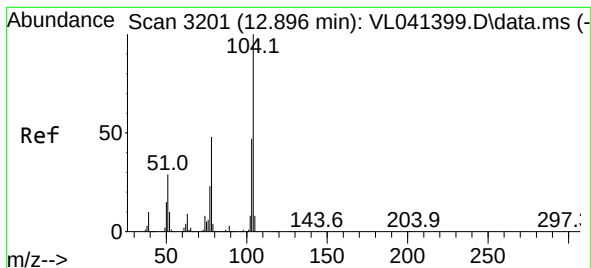
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#60
o-Xylene
Concen: 10.619 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Tgt Ion: 91 Resp: 2776012
Ion Ratio Lower Upper
91 100
106 46.3 23.1 69.3





#61

Styrene

Concen: 11.637 ppbv

RT: 12.902 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL041501.D

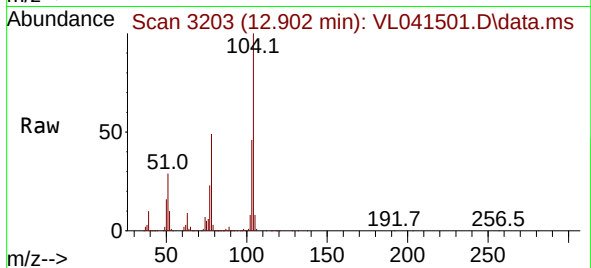
Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:104 Resp: 137240

Ion Ratio Lower Upper

104 100

78 49.3 40.8 61.2

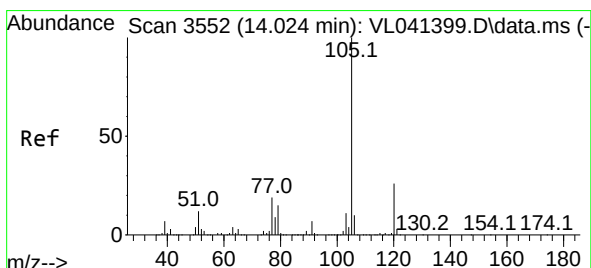
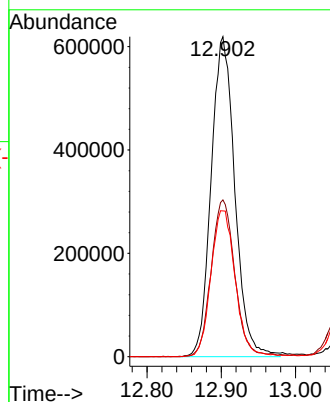
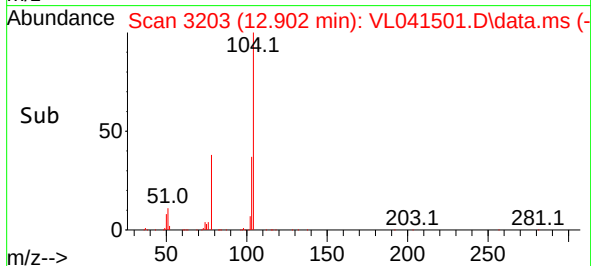
103 47.1 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#62

Isopropylbenzene

Concen: 10.211 ppbv

RT: 14.034 min Scan# 3555

Delta R.T. 0.013 min

Lab File: VL041501.D

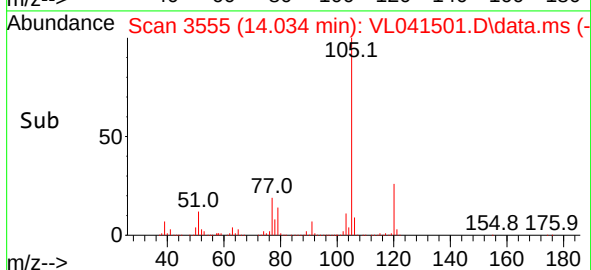
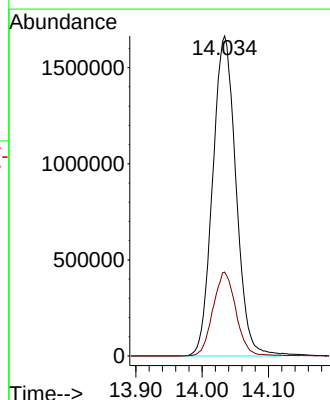
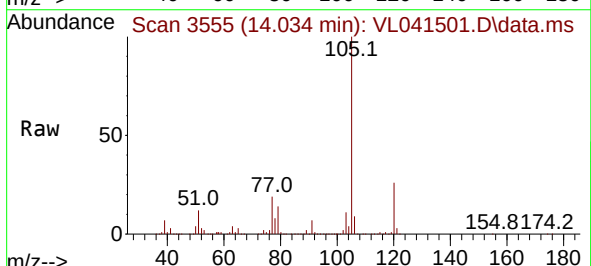
Acq: 5 Aug 2024 15:32

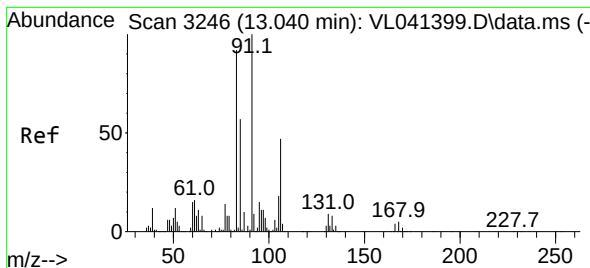
Tgt Ion:105 Resp: 4057993

Ion Ratio Lower Upper

105 100

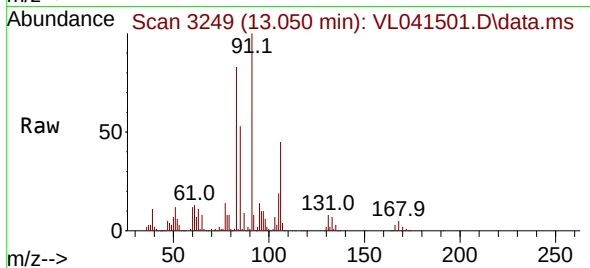
120 26.0 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 10.228 ppbv
RT: 13.050 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

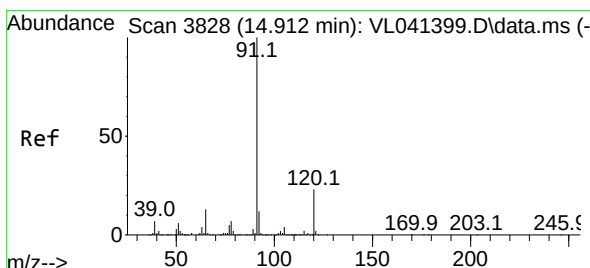
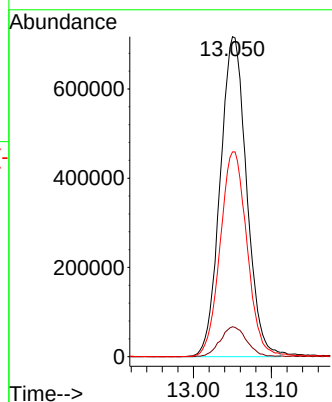
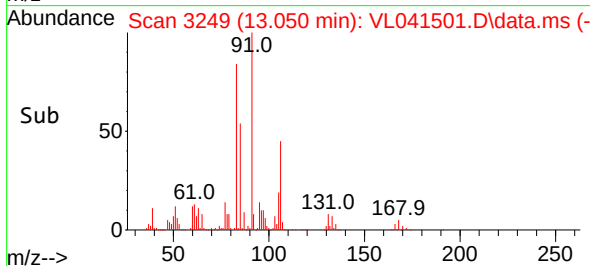
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



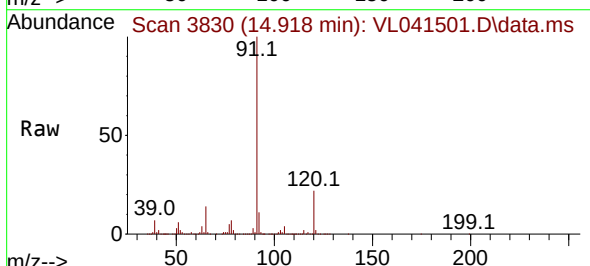
Tgt Ion: 83 Resp: 168832
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 66.0 32.6 98.0

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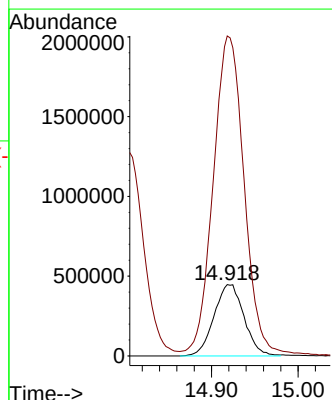
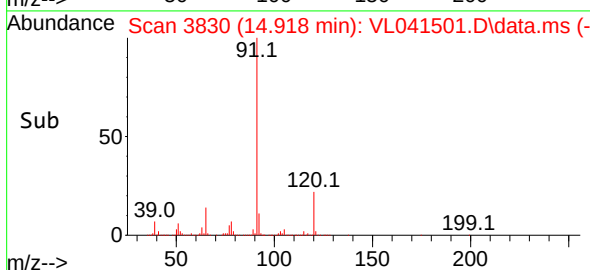
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

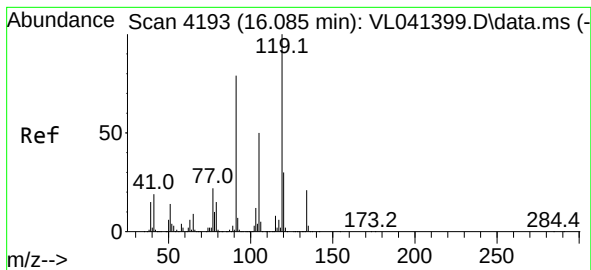


#64
n-propylbenzene
Concen: 10.366 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32



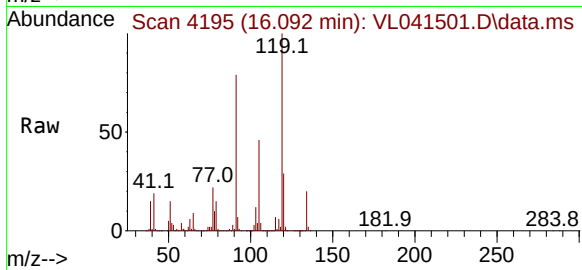
Tgt Ion:120 Resp: 1076976
Ion Ratio Lower Upper
120 100
91 466.6 361.4 542.0





#65
tert-Butylbenzene
Concen: 10.220 ppbv
RT: 16.092 min Scan# 4193
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

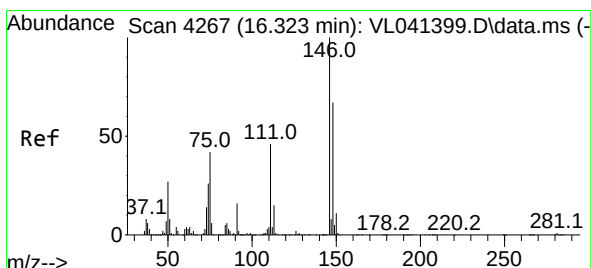
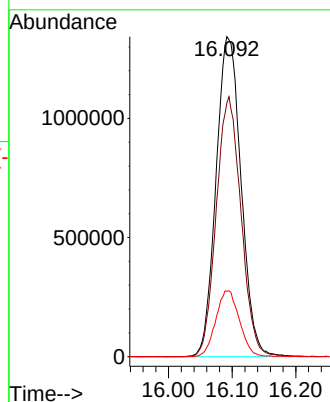
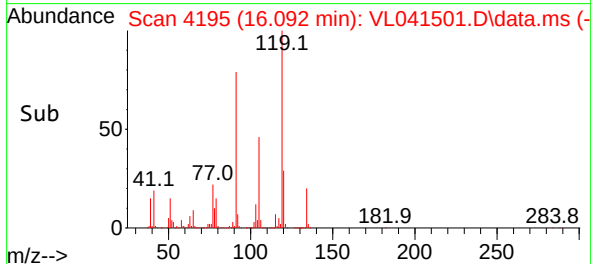
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



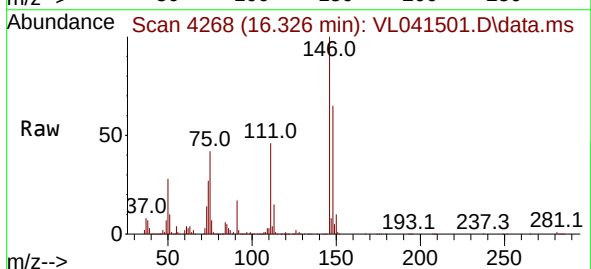
Tgt Ion: 119 Resp: 366867
Ion Ratio Lower Upper
119 100
91 80.4 64.2 96.2
134 19.5 15.7 23.5

Manual Integrations
APPROVED

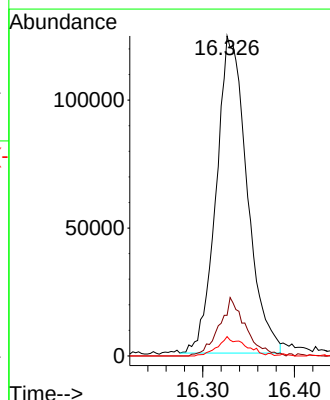
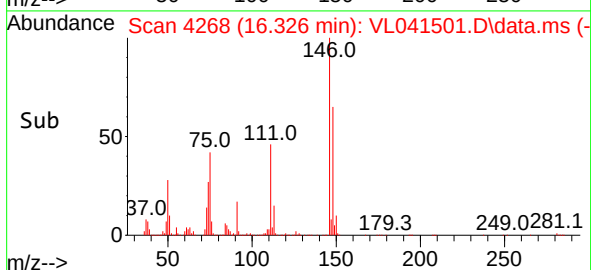
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

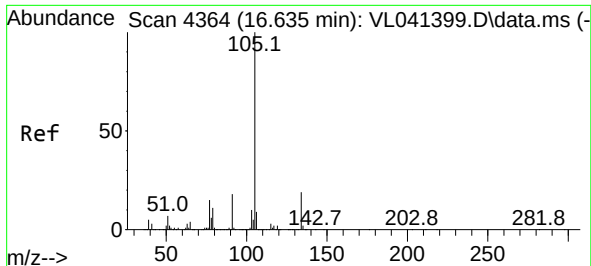


#66
Benzyl Chloride
Concen: 12.576 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32



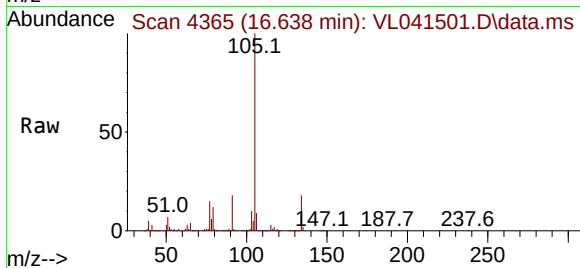
Tgt Ion: 91 Resp: 289538
Ion Ratio Lower Upper
91 100
126 16.1 13.8 20.8
128 5.6 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 10.331 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL041501.D
 Acq: 5 Aug 2024 15:32

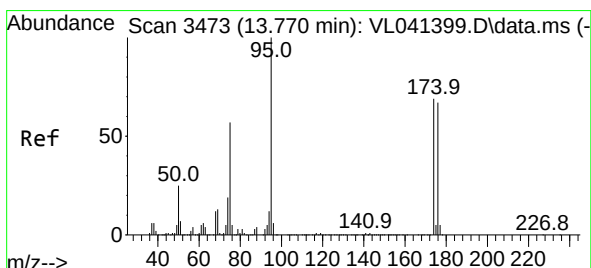
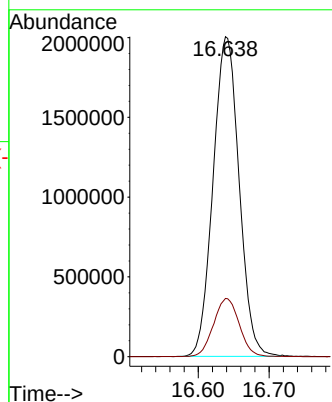
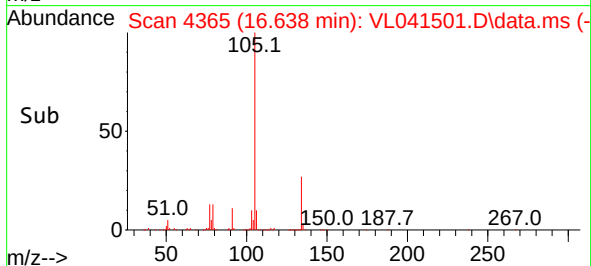
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



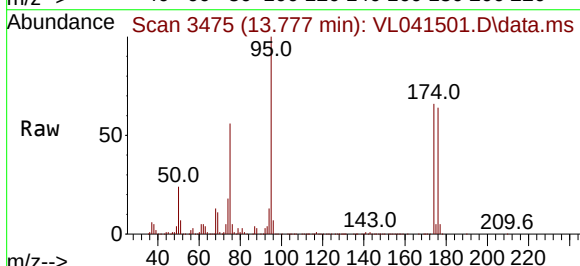
Tgt Ion:105 Resp: 5109400
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.5 21.7

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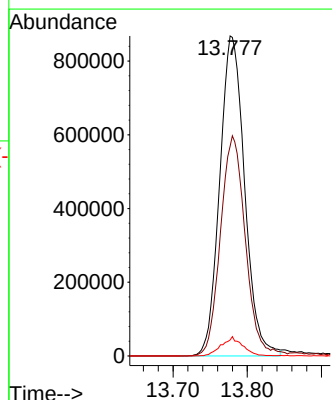
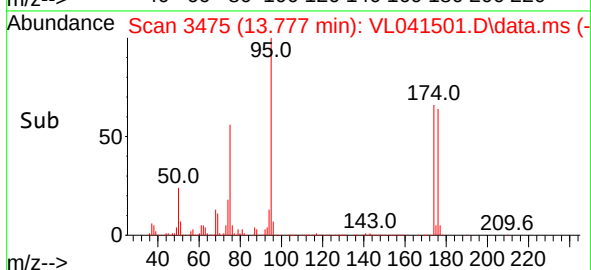
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

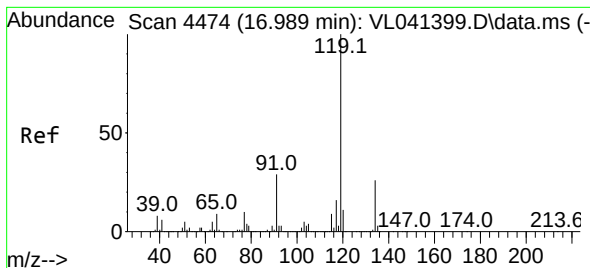


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.473 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. 0.010 min
 Lab File: VL041501.D
 Acq: 5 Aug 2024 15:32



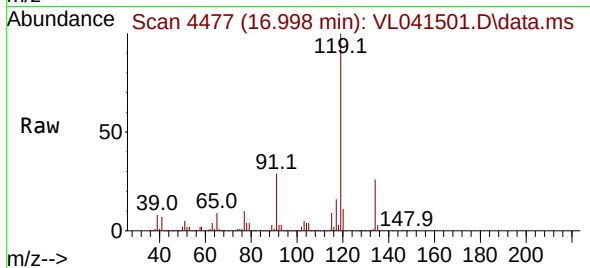
Tgt Ion: 95 Resp: 2024809
 Ion Ratio Lower Upper
 95 100
 174 70.2 56.3 84.5
 175 5.3 4.0 6.0





#69
p-Isopropyltoluene
Concen: 10.527 ppbv
RT: 16.998 min Scan# 4474
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

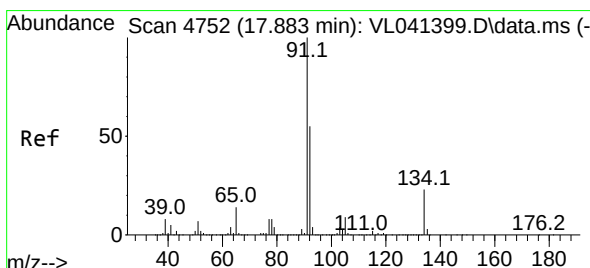
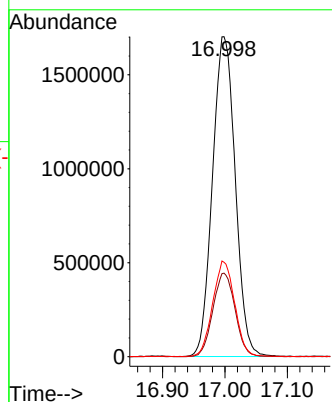
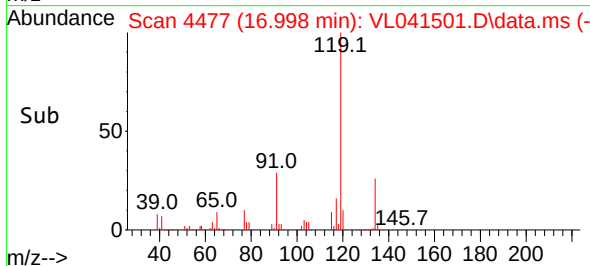
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 432020
Ion Ratio Lower Upper
119 100
134 25.5 20.5 30.7
91 28.7 23.2 34.8

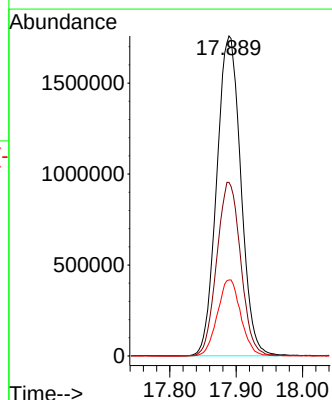
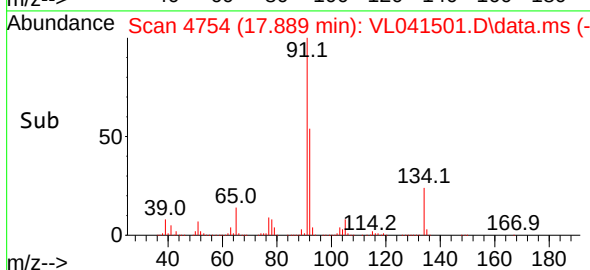
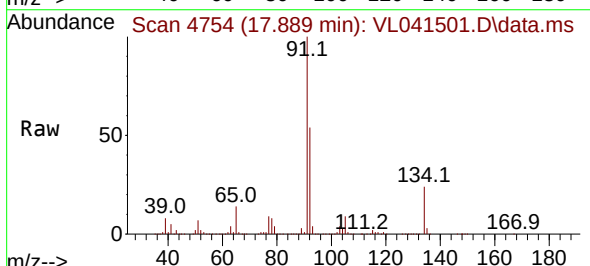
Manual Integrations
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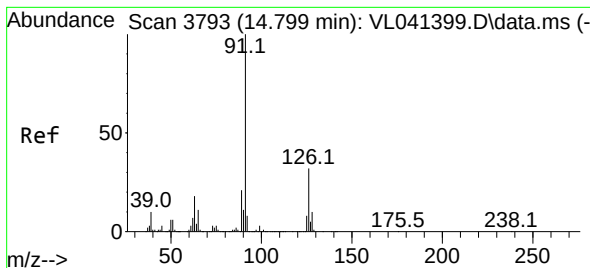
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#70
n-Butylbenzene
Concen: 10.561 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Tgt Ion: 91 Resp: 4442990
Ion Ratio Lower Upper
91 100
92 53.9 43.2 64.8
134 23.2 18.5 27.7





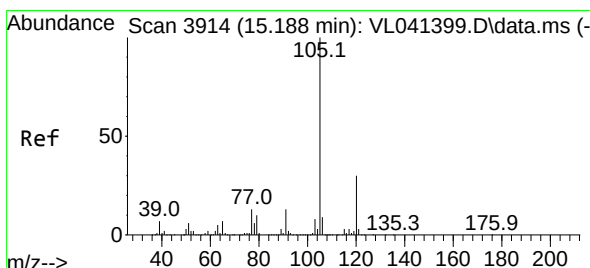
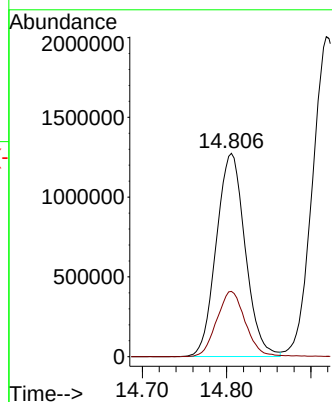
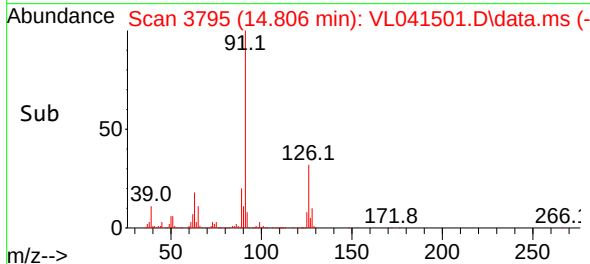
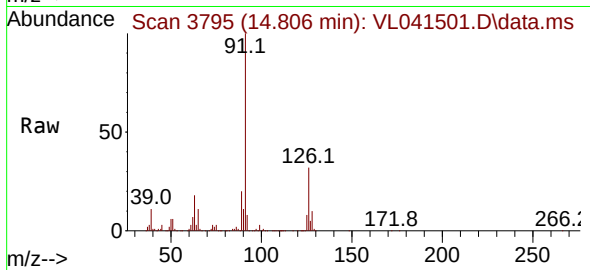
#71
2-Chlorotoluene
Concen: 10.351 ppbv
RT: 14.806 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 303354
Ion Ratio Lower Upper
91 100
126 32.4 12.7 50.9

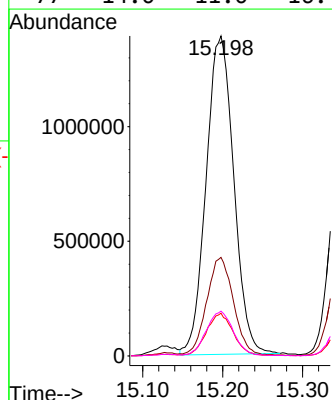
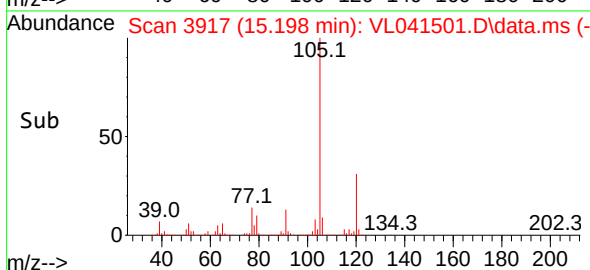
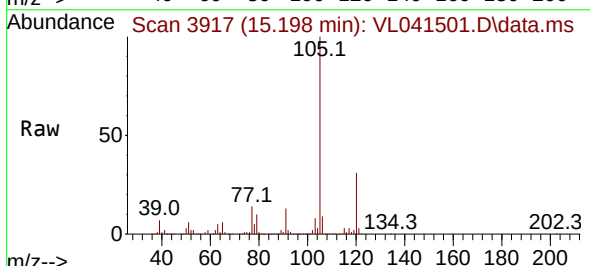
Manual Integrations
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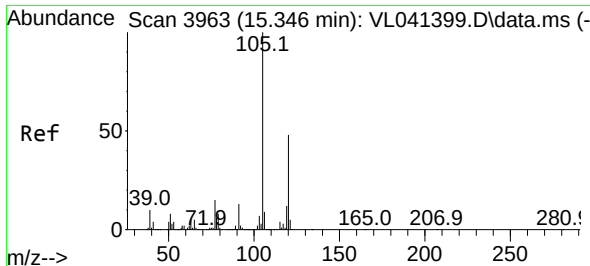
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#72
4-Ethyltoluene
Concen: 10.843 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

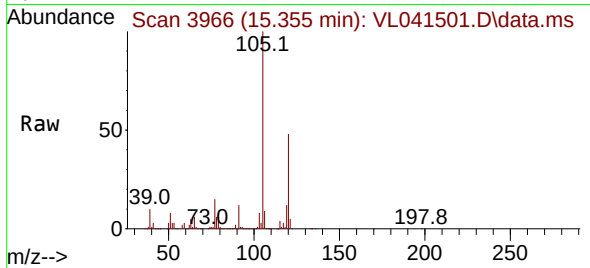
Tgt Ion:105 Resp: 3337124
Ion Ratio Lower Upper
105 100
120 31.3 24.2 36.2
91 13.1 10.4 15.6
77 14.0 11.0 16.4





#73
1,3,5-Trimethylbenzene
Concen: 10.870 ppbv
RT: 15.355 min Scan# 3963
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

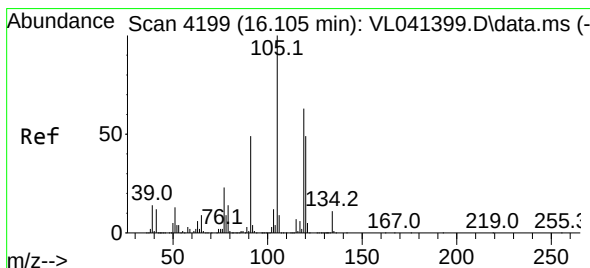
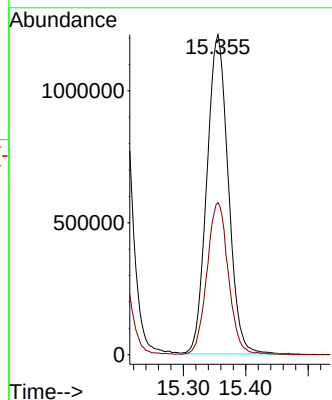
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:105 Resp: 2882009
Ion Ratio Lower Upper
105 100
120 47.5 38.6 57.8

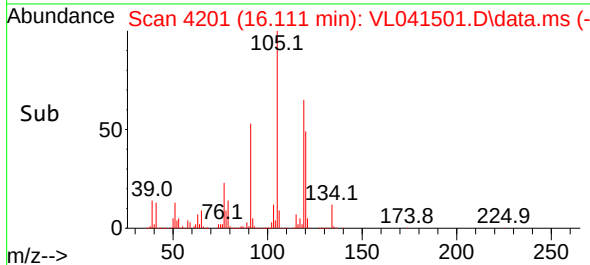
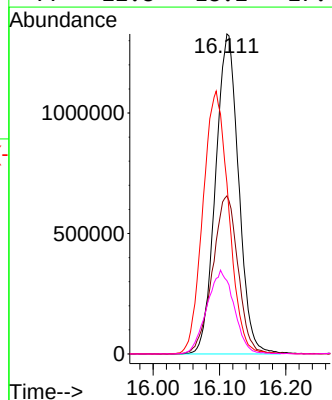
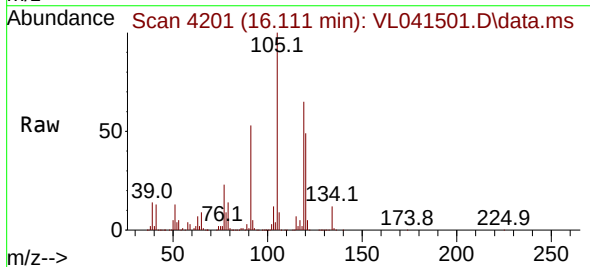
Manual Integrations
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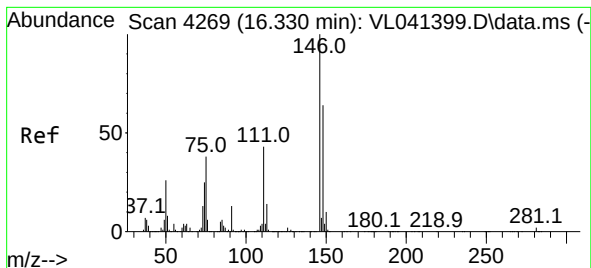
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#74
1,2,4-Trimethylbenzene
Concen: 10.420 ppbv
RT: 16.111 min Scan# 4201
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Tgt Ion:105 Resp: 3211840
Ion Ratio Lower Upper
105 100
120 49.2 39.5 59.3
91 53.2 39.8 59.8
77 22.8 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 10.265 ppbv

RT: 16.336 min Scan# 4269

Delta R.T. 0.013 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 1988978

Ion Ratio Lower Upper

146 100

111 45.2 22.6 67.8

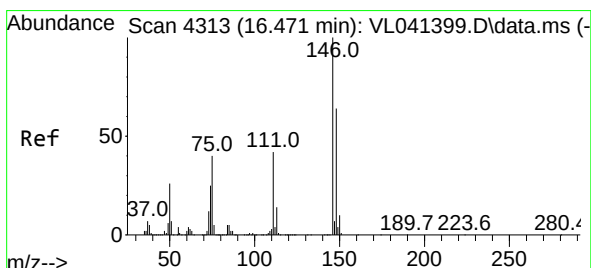
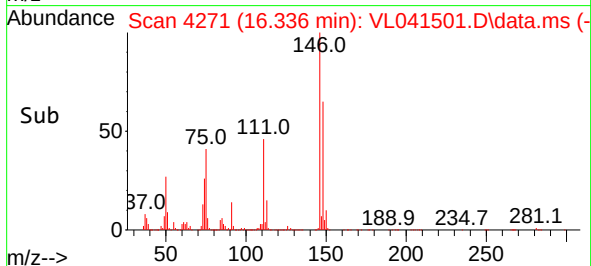
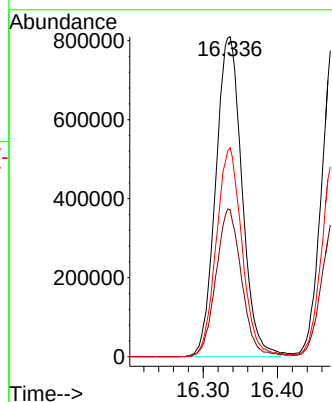
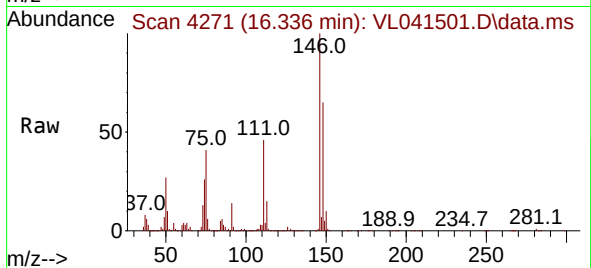
148 64.1 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#76

1,4-Dichlorobenzene

Concen: 10.332 ppbv

RT: 16.478 min Scan# 4315

Delta R.T. 0.013 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

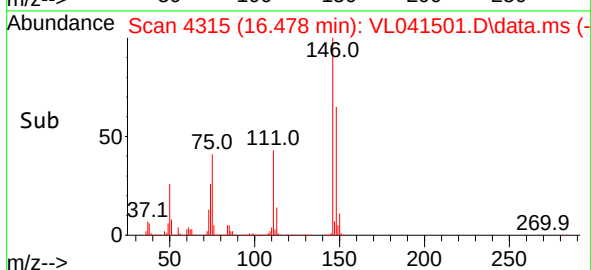
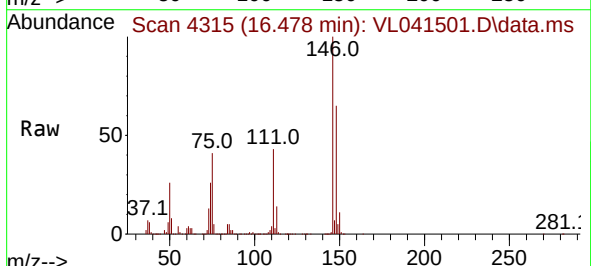
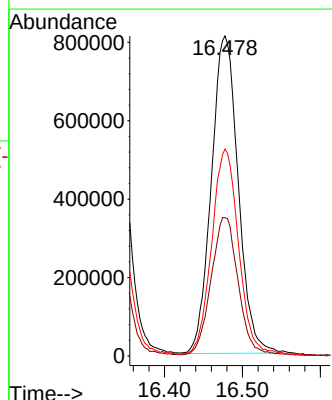
Tgt Ion:146 Resp: 1938595

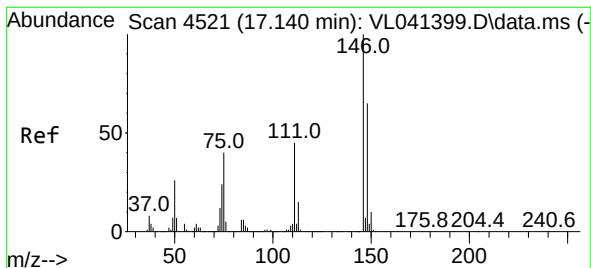
Ion Ratio Lower Upper

146 100

111 44.6 22.4 67.0

148 66.4 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 10.071 ppbv

RT: 17.146 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL041501.D

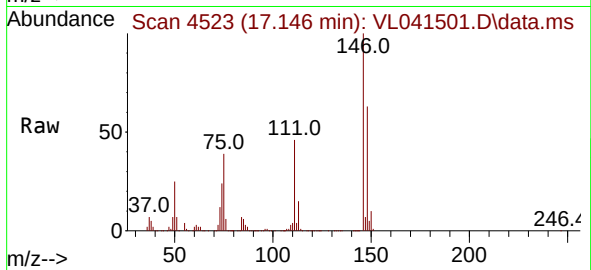
Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:146 Resp: 1934600

Ion Ratio Lower Upper

146 100

111 46.7 23.4 70.0

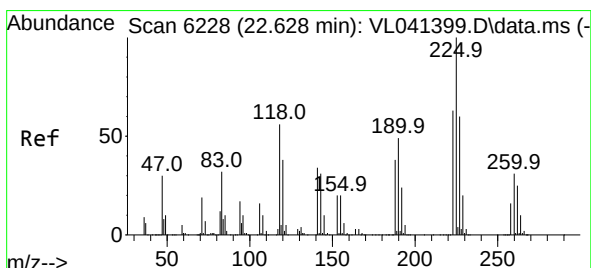
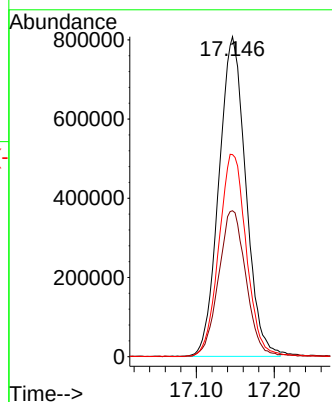
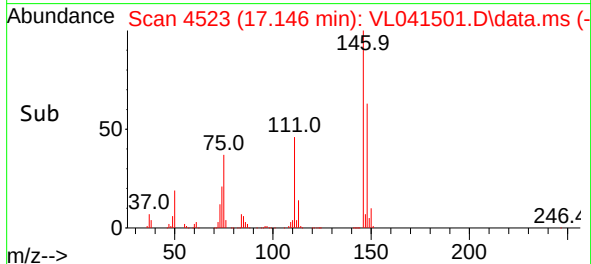
148 64.9 32.2 96.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#78

Hexachloro-1,3-Butadiene

Concen: 9.054 ppbv

RT: 22.635 min Scan# 6230

Delta R.T. 0.013 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

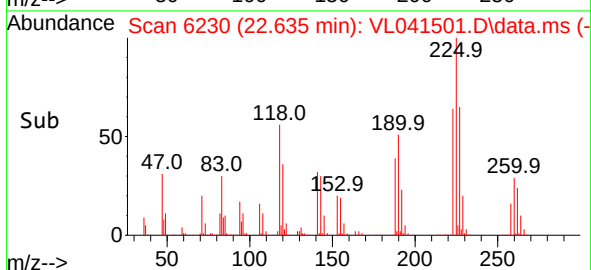
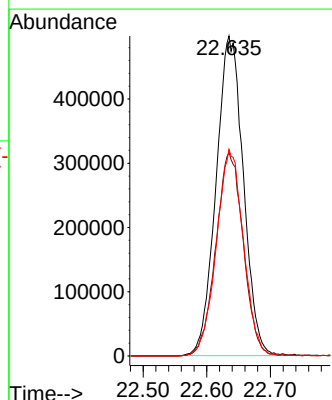
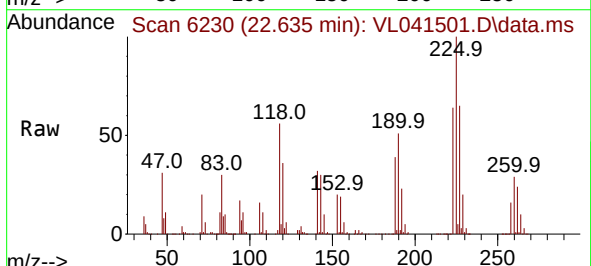
Tgt Ion:225 Resp: 1483142

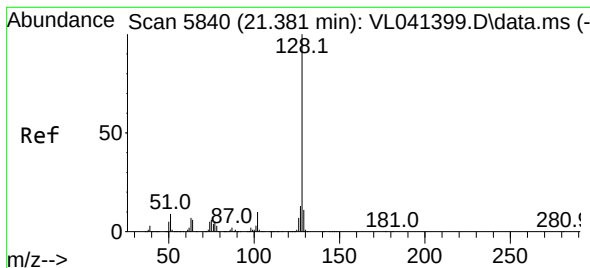
Ion Ratio Lower Upper

225 100

223 63.9 50.6 76.0

227 64.1 50.8 76.2





#79

Naphthalene

Concen: 12.093 ppbv

RT: 21.384 min Scan# 5840

Delta R.T. 0.013 min

Lab File: VL041501.D

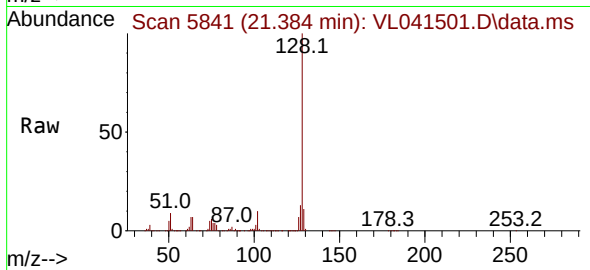
Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:128 Resp: 329025

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

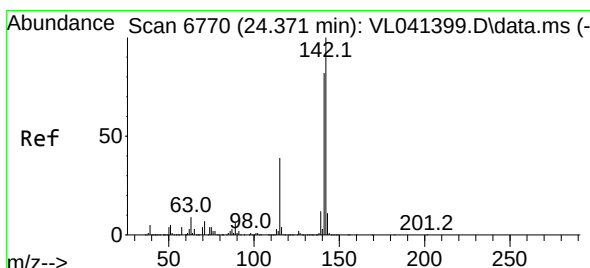
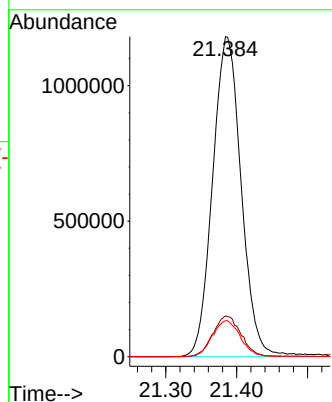
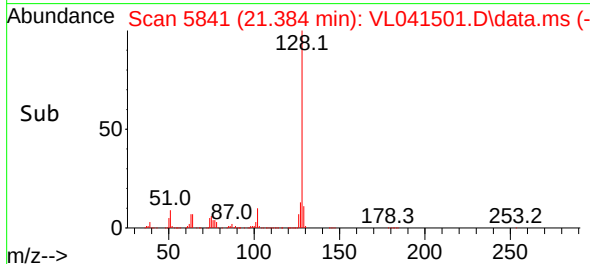
129 11.2 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#80

Naphthalene,2-methyl-

Concen: 12.393 ppbv

RT: 24.374 min Scan# 6771

Delta R.T. 0.013 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

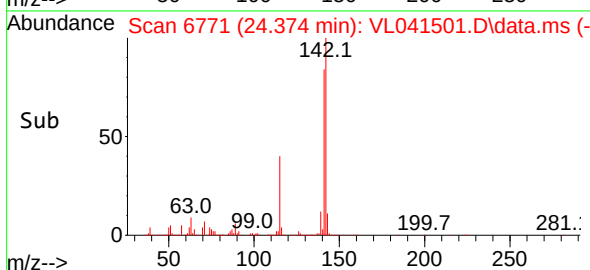
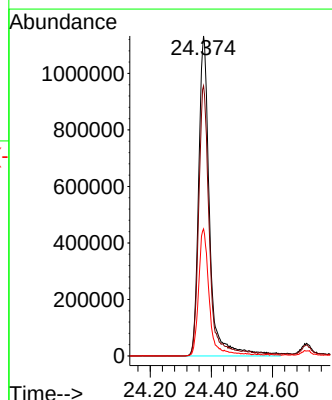
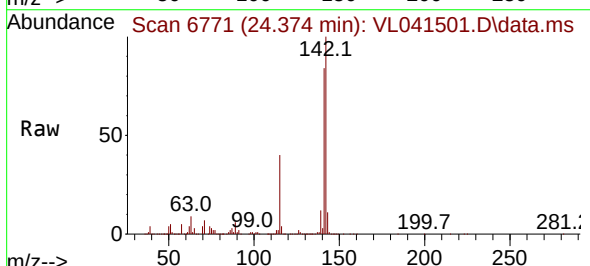
Tgt Ion:142 Resp: 2826370

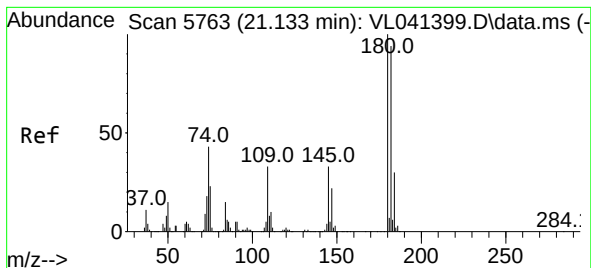
Ion Ratio Lower Upper

142 100

141 83.8 67.0 100.4

115 39.2 32.2 48.2





#81

1,2,4-Trichlorobenzene

Concen: 10.680 ppbv

RT: 21.143 min Scan# 51

Delta R.T. 0.013 min

Lab File: VL041501.D

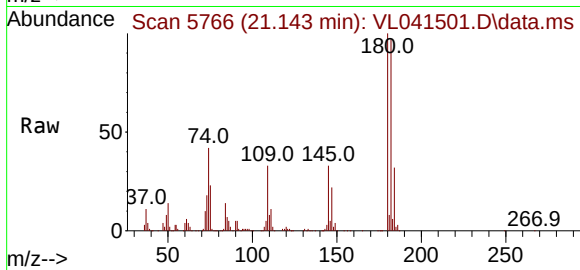
Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 172909

Ion Ratio Lower Upper

180 100

182 95.6 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

